

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

04/20/12

Debra Payton Assistant District Attorney, Norfolk County

Ms. Kelley,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- Control Card with analytical results for sample #
- 3. Analysis sheet with chemist's hand notations and test results.

4. GC/MS analytical data for sample #

If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

8:00-11:00

DRUG RECEIPT

Amherst Hours 9:00 – 12:00

1:00-3:00

2:00 - 4:00		1:00 = 3:00
City or Department: Weymouth	Police Reference No.:	
Name and Rank of Submitting Officer: 027	nomas Andor	504
Defendant(s) Name (last, first, initial):		
		7 1 D ol
To be completed by Submitter Description of Items Submitted	To be completed by Gross Weight	Lab Number
65) p/b w/ white powder 211.	59.28	
	170	
Heatenland + Intitialed		
Heatsesled + intitialed Resubmitted V		
Provinced by	_ Date:	3-23-13
Received by:		

No.
City: Weymouth Police Dept.
Officer: Detective THOMAS ANDERSON

Def:
Amount: Subst: SUB

No. Cont: 65 Cont: pb

Date Rec'd: 03/23/2012

Gross Wt.: 59.28

Smpk Med All

Pate Analyzed: 13 13

No. Analyzed: 20

No. Analyzed: 23 05 9

Tests: 140 Med Analyzed: 20

Tests: 140

Findings:

. 3

DRUG POWDER ANALYSIS FORM

	Marienanda	VW
No. of samples tested:	AGENCY WEYMONTA	Evidence Wt.
No. of satispies tested.		
PHYSICAL DESCRIPTION: 9 Sec	ence bag initiated and by 1950	ss W1 (Ch: 4471059
	Giv	33 111 ().
65 pbs contain Chunky Substan	ing an ott-un	(Pkg. Wt:
Chunky Substan	ne	
-20 pbs are sealed	d Markey 412.	
Gwofphs marked Gwofother 45 ph	#1-20=24.9238	9
Gw of other 45 pt	75=218441g	
-Refested bu	95 Marked #S	1-20
PRELIMINARY TESTS		
Spot Tests		crystalline Tests
Thiocyanate () + MUC	O Gold Chloride	
) () Marquis) O TLTA	() +
Froehde's	<u>o</u> r	HER TESTS
Mecke's	· · · · · · · · · · · · · · · · · · ·	*

PRELIMINARY TEST RESULTS	GC/MS CC	NFIRMATORY TEST
RESULTS OCUPAL	RESULTS_	Cocainl
DATE 41117	MS OPERATOR	VAC
	DATE	4/13/12
	DAIL	

Sample #

samples tested:

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	1.1743a	0.8624eg	0.3179	26			
2	134416	1.01290	0.33120	27			
3	13330	oggusa	0.37899	28		- Annual Control of the Control of t	
4	1.31 90	0.95Ha	0.36379	29			- VARIABLE
5	13/19/	0.8135a	0.54849	30		-	A Marie Control of the Control of th
6	1.107 Ceb	0.85 Web	0.3060d	31			
7	1.19486	19936a	0-7712A	32			
8	1.33450	0.4(e/4)	0.37314.	33		And the same of th	
9	133840	0.88459	0.35399	34		- Lightness - Ligh	
10	1. July	0.88679	0.35819	35		· ·	
11	1.23544	0.91816	0.31739	36			
12	127189	0.9137h	0.35819	37	1/	- Adaption of the second of th	
13	123579	0.9789	0.31284	38		was the broken on a second	
14	12550A	08949	0.358/9	39	·		
15	11410a	0.82529	0.31389	40			
16	1.2406/0	10.9107g	0. 34999	41		,	
17	12291a	069090	0 53824	42	100000000000000000000000000000000000000	4	
18	1.24084	089756	0.3636eg	43			
. 19	1 (8859)	0.88769	0.20594	44	1		
20	1.25192	0.87379	0.3182g	45			
21		1		46			:
22	÷.		7.09459	47	-		
23	1		0.35474	48	1///		
24			23.05 U	49			
25				50			And the second s
Cald	culations:	A STATE OF THE STA					

Total 120 x 65

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824513.D

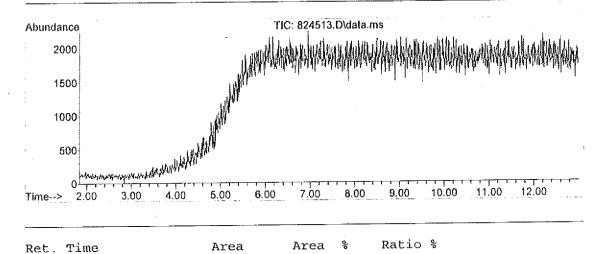
Operator : KAC

Date Acquired : 12 Apr 2012 14:03

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M Integrator : RTE



NO INTEGRATED PEAKS

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824514.D

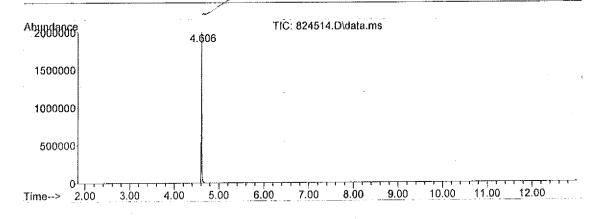
Operator : KAC

Date Acquired : 12 Apr 2012 14:18

Sample Name : COCAINE STD

Submitted by

Vial Number : 5
AcquisitionMeth: DRUGS.M:
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
4.606	1904633	100.00		

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824514.D

Operator : KAC

Date Acquired : 12 Apr 2012 14:18

Sample Name : COCAINE STD

Submitted by

Vial Number : 5

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

C:\Database\SLI.L

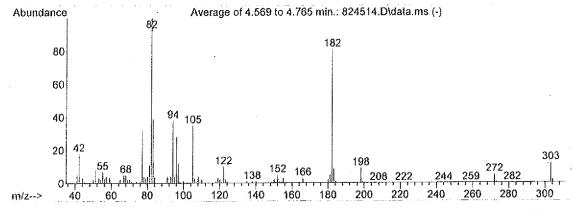
Minimum Quality: 80 Minimum Quality: 80

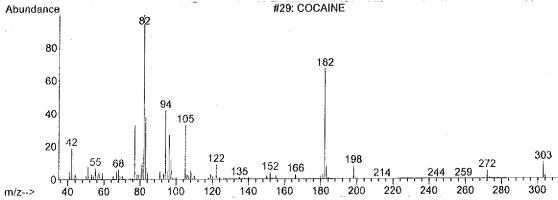
C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

TOSA.L MINIMUM QUAITE

	PK#	RT	Library/ID	CAS#	Qual
_	1	4.61	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





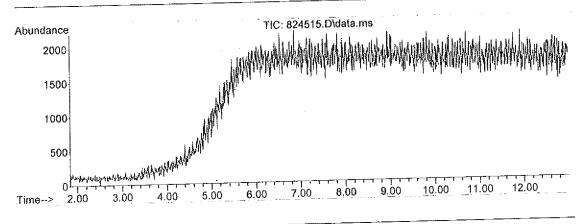
: C:\MSDCHEM\1\SYSTEM7\04_12_12\824515.D File Name

: KAC Operator

: 12 Apr 2012 14:34 Date Acquired

: BLANK Sample Name KAC Submitted by Vial Number 2 AcquisitionMeth: DRUGS.M

: RTE Integrator



Ratio % Area Area Ret. Time

NO INTEGRATED PEAKS

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824516.D File Name

Operator : KAC

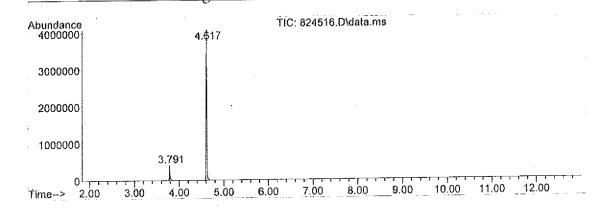
14:50 12 Apr 2012 Date Acquired

Sample Name Submitted by

KAC 16

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.791 4.617	517785 4964935	90.56	10.43	

File Name : C:\MSDCHEM\1\SYSTEM7\04 12 12\824516.D

Operator : KAC

Date Acquired : 12 Apr 2012 14:50

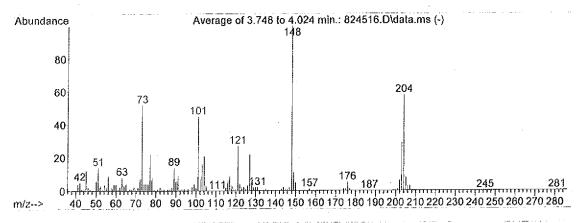
Sample Name :
Submitted by : KAC
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

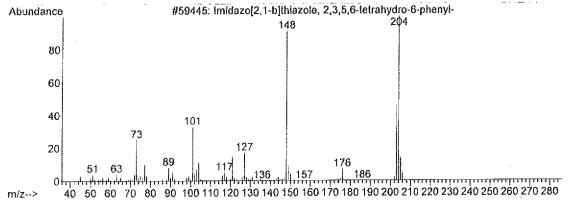
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

	PK#	RT	Library/ID		CAS#	Qual
*******	1	3,79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	99 98 - 98





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824516.D File Name

: KAC Operator

Date Acquired 12 Apr 2012 14:50

Sample Name

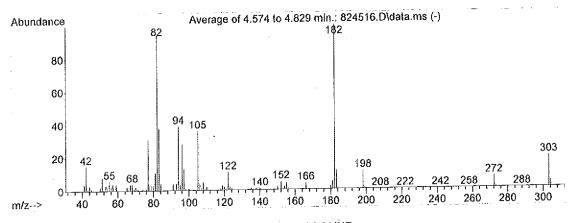
Submitted by KAC Vial Number 16 AcquisitionMeth: DRUGS.M RTE Integrator

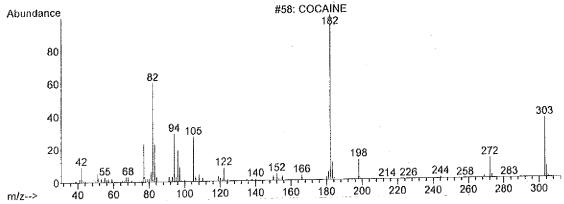
Search Libraries:

Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L C:\Database\PMW_TOX2.L

CAS# Qual: Library/ID PK# RTC:\Database\SLI.L 4.62 2 99 000050-36-2 COCAINE 99 000050-36-2 COCAINE 000050-36-2 99 COCAINE





3.00

4.00

5.00 6.00

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824517.D

Operator : KAC

Date Acquired : 12 Apr 2012 15:05

Sample Name Submitted by Vial Number

Time--> 2.00

KAC 17

AcquisitionMeth: DRUGS.M Integrator : RTE

Abundance TIC: 824517.D\data.ms
4.622
4000000
2000000
1000000
2.742
3.791

7.00

8.00

Ret. Time	Ārea	Area %	Ratio %	
2.742 3.791 4.622	981914 278710 7639584	11.03 3.13 85.84	12.85 3.65 100.00	
				•

10.00

9.00

11.00 _12.00 _

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824517.D File Name

Operator : KAC

: 12 Apr 2012 15:05 Date Acquired

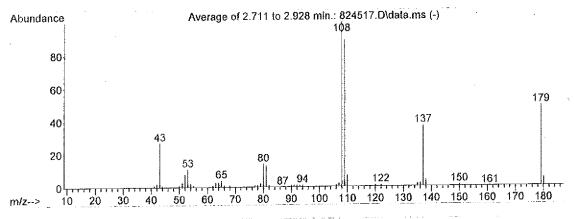
Sample Name

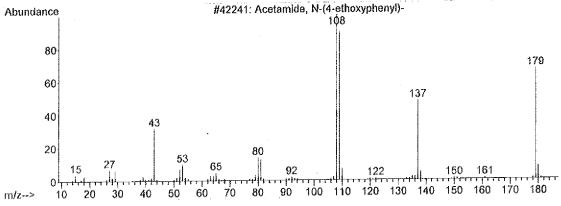
Submitted by KAC Vial Number 17 AcquisitionMeth: DRUGS.M : RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
1	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98 98 98





File Name : C:\MSDCHEM\1\SYSTEM7\04 12 12\824517.D

Operator : KAC

Date Acquired : 12 Apr 2012 15:05

Sample Name : Submitted by :

: KAC : 17

Vial Number : 17 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

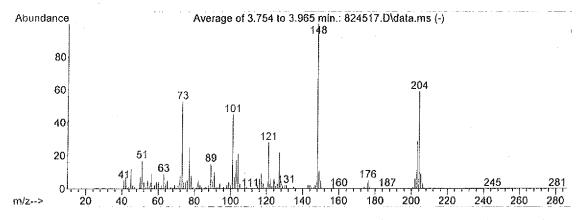
98

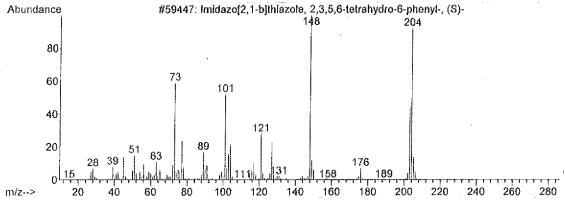
C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6

PK#	RT	Library/ID		CAS#	Qual
2	3.79	C:\Database\NIST05a.L			
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98
		Imidazo(2.1-b)thiazole.	2.3.5.6-tet	006649-23-6	98





File Name : C:\MSDCHEM\1\SYSTEM7\04 12 12\824517.D

Operator : KAC

Date Acquired 15:05

Sample Name

Submitted by Vial Number 17 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

COCAINE

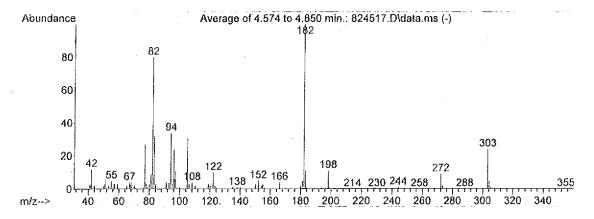
Minimum Quality: 80 Minimum Quality: 80

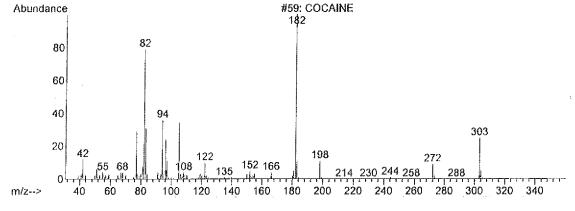
000050-36-2

99

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
3	4.62	C:\Database\SLI.L		
		COCAINE (000050-36-2 000050-36-2	99 99 '





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824518.D

Operator : KAC

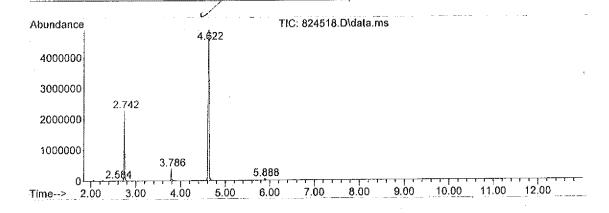
15:21 Date Acquired 12 Apr 2012

Sample Name Submitted by

; KAC 18

Vial Number AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area	Area %	Ratio %	
2,584	141272	1.22	1.66	
2,742	2343004	20.19	27.52	
3.786	490587	4.23	5.76	
4.622	8514708	73.36	100.00	
5.888	116567	1.00	1.37	
5.888	110507	1.00	J- 1 - V - T	

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824518.D

Operator : KAC

Date Acquired 12 Apr 2012 15:21

Sample Name Submitted by

Vial Number

KAC 18

Integrator

AcquisitionMeth: DRUGS.M : RTE

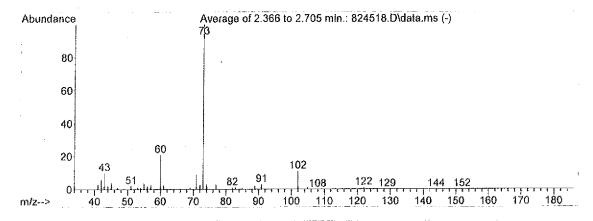
Search Libraries: C:\Database\SLI.L

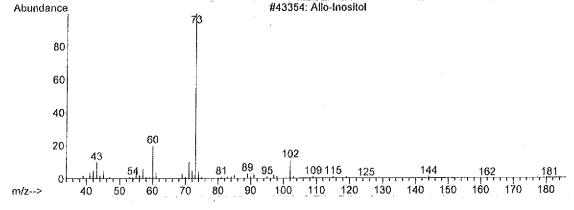
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	2.58	C:\Database\NIST05a.L Allo-Inositol Scyllo-Inositol Neo-Inositol	000643-10-7 000488-59-5 000488-54-0	90 74 74





File Name ; C:\MSDCHEM\1\SYSTEM7\04 12 12\824518.D

KAC Operator

Date Acquired 12 Apr 2012 15:21

Sample Name

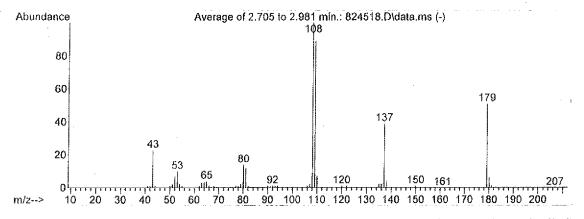
Submitted by KAC Vial Number 18 AcquisitionMeth: DRUGS.M : RTE Integrator

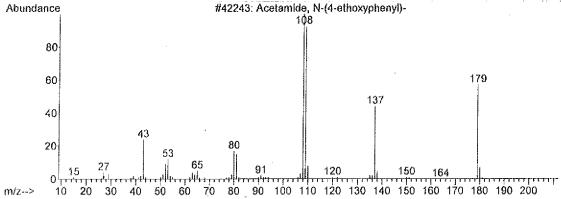
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

	PK#	RT	Library/ID	CAS#	Qual
_	2	2.74	C:\Database\NIST05a.L		
			Acetamide, N-(4-ethoxyphenyl)-	000062-44-2	98
			Acetamide, N-(4-ethoxyphenyl)-	000062-44-2	98
			Acetamide, N-(4-ethoxyphenyl)-	000062-44-2	97





File Name : C:\MSDCHEM\1\SYSTEM7\04 12 12\824518.D

Operator : KAC

Date Acquired : 12 Apr 2012 15:21

Sample Name : Submitted by : K Vial Number :

: KAC : 18 : DRUGS.M

AcquisitionMeth: DRUGS Integrator : RTE

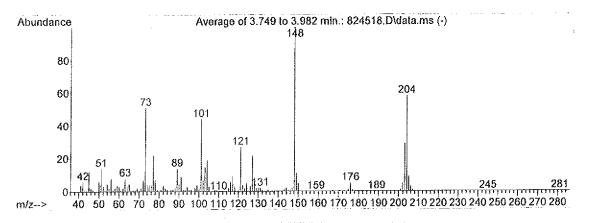
Search Libraries: C:\Database\SLI.L

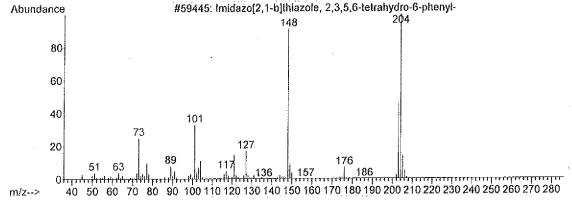
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
3	3,79	C:\Database\NIST05a.L			
		<pre>Imidazo[2,1-b]thiazole,</pre>			99
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824518.D

Operator : KAC

Date Acquired : 12 Apr 2012 15:21

Sample Name :

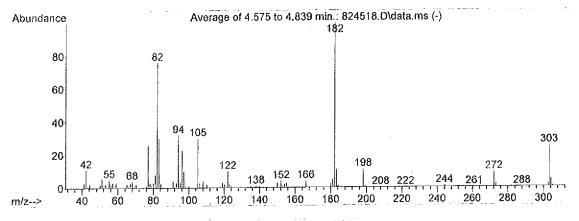
Submitted by : KAC
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

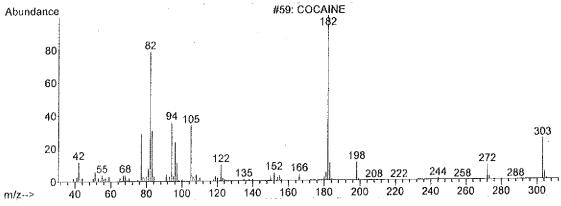
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 · 99





Minimum Quality: 80

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824518.D File Name

: KAC Operator

12 Apr 2012 15:21 Date Acquired

Sample Name

: KAC Submitted by 18 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

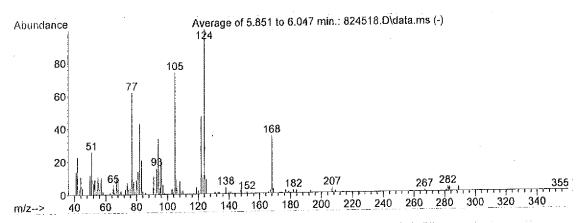
Search Libraries:

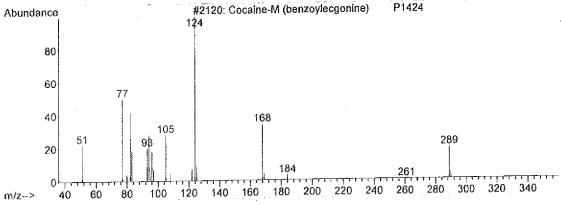
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	5.89	C:\Database\PMW_TOX2.L Cocaine-M (benzoylecgonine) Benzoic acid Endogenous biomolecule 2AC	000519-09-5 000065-85-0 000000-00-0	96 35 14





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824519.D

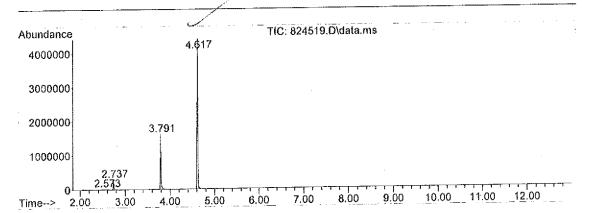
Operator : KAC

Date Acquired : 12 Apr 2012 15:37

Sample Name

Submitted by : KAC
Vial Number : 19
AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.573	143679	1.85	2.53	
2.737	301356	3.88	5.31	
3.791	1646733	21.20	29.02	
4.617	5674369	73.07	100.00	

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824519.D File Name

: KAC Operator

Date Acquired

15:37 12 Apr 2012

Sample Name Submitted by Vial Number

: KAC 19

AcquisitionMeth: DRUGS.M Integrator

: RTE

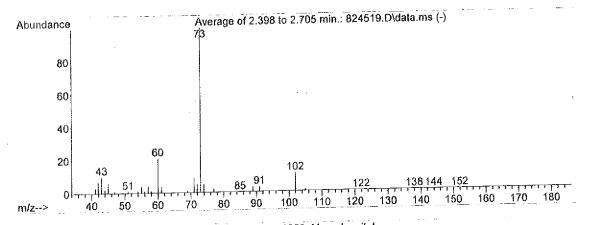
Search Libraries:

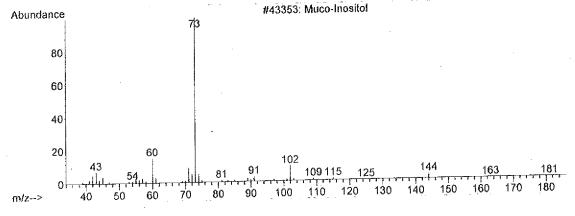
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
1.	2.57	C:\Database\NIST05a.L Muco-Inositol Allo-Inositol Scyllo-Inositol	000488-55-1 000643-10-7 000488-59-5	90 83 74





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824519.D File Name

: KAC Operator

12 Apr 2012 15:37 Date Acquired

Sample Name Submitted by Vial Number

KAC 19

AcquisitionMeth: DRUGS.M Integrator

: RTE

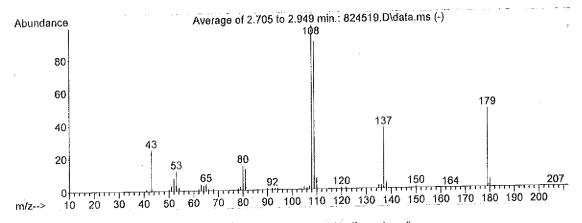
Search Libraries:

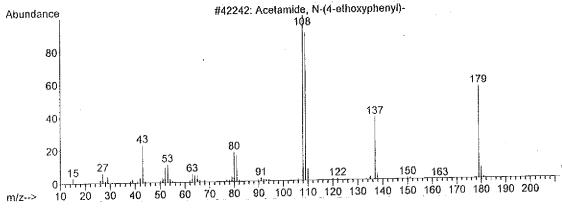
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
2	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- o-Acetylphenetidine Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000581-08-8 000062-44-2	98 97 97





```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824519.D File Name

Operator

KAC Date Acquired

12 Apr 2012 15:37

Sample Name Submitted by Vial Number

KAC 19

AcquisitionMeth: DRUGS.M Integrator

Search Libraries:

C:\Database\SLI.L

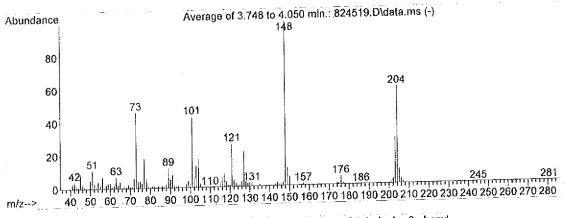
Minimum Quality: 80

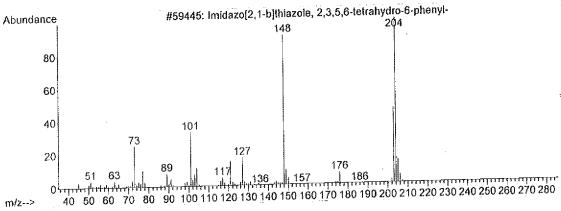
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
3	3.79	C:\Database\NIST05a.L Imidazo{2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	99 98 98





Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824519.D File Name : KAC Operator 12 Apr 2012 15:37 Date Acquired Sample Name KAC Submitted by 19 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator Minimum Quality: 80 C:\Database\SLT.L Search Libraries: Minimum Quality: 80 C:\Database\NIST05a.L C:\Database\PMW_TOX2.L Qua1 CAS# Library/ID RTPK# C:\Database\SLI.L 4.62 4 99 000050-36-2 COCAINE 000050-36-2 99 COCAINE 000050-36-2 99 COCAINE Average of 4,569 to 4,781 min.: 824519.D\data.ms (-) Abundance 82 80 60 40 303 20 198 152 166 214 230242 258 138 180 200 220 240 260 280 300 320 340 100 120 140 160 80 m/z--> 60 #59: COCAINE Abundance 182 82 80 60 40 303

152 166

08

100

80

- 120

140

198

160 180 200 220 240 260 280 300 320 340

20

m/z-->

Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824520.D File Name : KAC Operator 12 Apr 2012 15:52 Date Acquired Sample Name Submitted by Vial Number : KAC 20 AcquisitionMeth: DRUGS.M : RTE Integrator TIC: 824520.D\data.ms Abundance 4.622 4000000 3000000 3.791 2000000 1000000 10.00 11.00 12.00 9.00 5.00 6.00 7.00 Time--> 2.00 3.00 4.00

Ret. Time	Area	Area %	Ratio %	
2.536	109317	1.22	1.61	
2.737	132221	1.48	1.94	
3.791	1878172	21.04	27.59	
4.622	6808127	76.26	100.00	

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824520.D File Name

KAC Operator

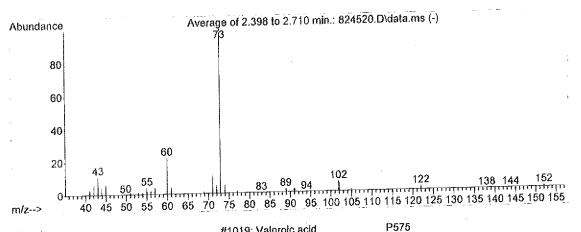
Date Acquired 12 Apr 2012 15:52

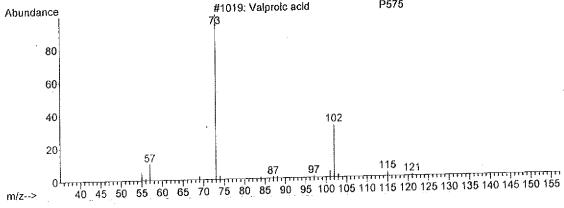
Sample Name KAC Submitted by 20 Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
1	2.54	C:\Database\PMW_TOX2.L Valproic acid Myristic acid Pholcodine-M 3TMS	000099-66-1 000544-63-8 000000-00-0	4 2 1





```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824520.D
File Name
                 : KAC
Operator
                   12 Apr 2012
                                  15:52
Date Acquired
Sample Name
Submitted by
                   KAC
                     20
Vial Number
AcquisitionMeth: DRUGS.M
Integrator
                 : RTE
                                                          Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                          Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                              CAS#
                                                                           Qual
                  Library/ID
  PK#
         RT
                 C:\Database\NIST05a.L
         2.74
   2
                                                                            98
                  Acetamide, N-(4-ethoxyphenyl)-
                                                            000062-44-2
                                                                            98
                  Acetamide, N-(4-ethoxyphenyl)-
                                                            000062-44-2
                                                            000062-44-2
                                                                            97
                  Acetamide, N-(4-ethoxyphenyl)-
                         Average of 2.716 to 2.891 mln.: 824520.D\data.ms (-)
Abundance
      80
      60
                                                                           179
                                                          137
      40
                    43
                                   80
      20
                        53
                             65
                                                   120
                                                                     163
                                  80 90 100 110 120 130 140 150 160 170 180
              30
                  40
                       50
                           60
                               70
m/z-->
                              #42242: Acetamide, N-(4-ethoxyphenyl)-
Abundance
      80
                                                                           179
      60
                                                          137
      40
                     43
                                   80
      20
                                                                     163
                                                 115 122
         15
                                           100 110 120 130 140 150 160 170 180
                                   80
                                       90
                       50
                           60
                               70
```

m/z-->

30

20

10

40

```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824520.D File Name

KAC Operator

Apr 2012 Date Acquired 12

Sample Name Submitted by Vial Number

KAC 20

AcquisitionMeth: DRUGS.M Integrator

: RTE

Search Libraries:

C:\Database\SLI.L

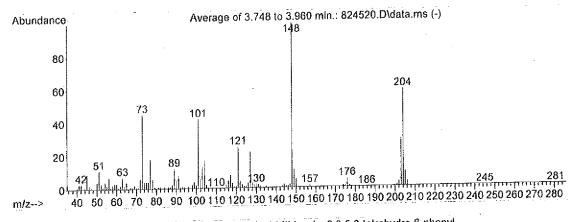
Minimum Quality: 80 Minimum Quality: 80

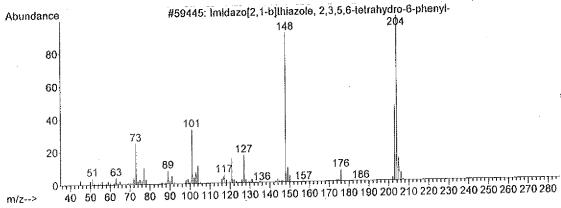
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

15:52

PK#	RT	Library/ID		CAS#	Qual
3	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	99 98 ' 98





```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824520.D
File Name
                 : KAC
Operator
                                  15:52
                   12 Apr 2012
Date Acquired
Sample Name
Submitted by
                    20
Vial Number
AcquisitionMeth: DRUGS.M
Integrator
                 : RTE
                                                         Minimum Quality: 80
                     C:\Database\SLI.L
Search Libraries:
                                                         Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                                          Qual
                                                             CAS#
                  Library/ID
         RT
  PK#
                 C:\Database\SLI.L
   4
         4.62
                                                                           99
                                                           000050-36-2
                  COCAINE
                                                                           99
                                                           000050-36-2
                  COCAINE
                                                           000050-36-2
                                                                           99
                  COCAINE
                         Average of 4.569 to 4.834 min.: 824520.D\data.ms (-)
Abundance
                                       182
                  82
      80
      60
      40
                    94
                                                                 303
      20
                                           198
                                 152 166
            55 68
                              138
                    100 120 140 160 180 200 220 240 260 280 300 320 340
                  80
             60
m/z-->
         40
                                      #59: COCAINE
Abundance
                                       182
                  82
      80
      60
      40
                                                                 303
```

152 166

198

214 230 244 258

160 180 200 220 240 260 280 300 320 340

20

m/z-->

68

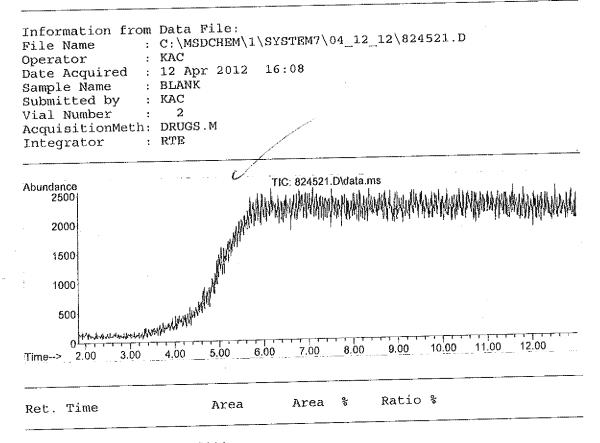
60

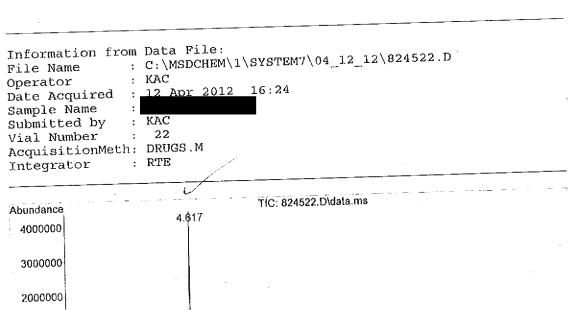
40

80

100

120 140





Ret. Time	Area	Area %	Ratio %	
2.737 3.786 4.617	829868 290022 5698226	12.17 4.25 83.57	14.56 5.09 100.00	

6.00 7.00

10.00 11.00 12.00

9.00

8.00

2.737

3.00

3.786

4.00

5.00

1000000

Time--> 2.00

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824522.D File Name

; KAC Operator

12 Apr 2012 16:24 Date Acquired

Sample Name Submitted by Vial Number

Integrator

KAC 22 AcquisitionMeth: DRUGS.M RTE

Search Libraries:

C:\Database\SLI.L

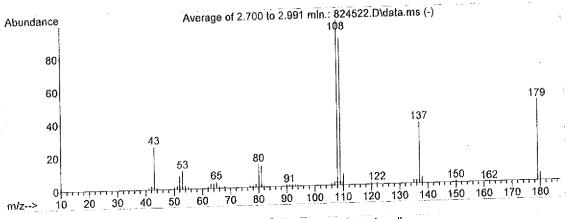
C:\Database\NIST05a.L

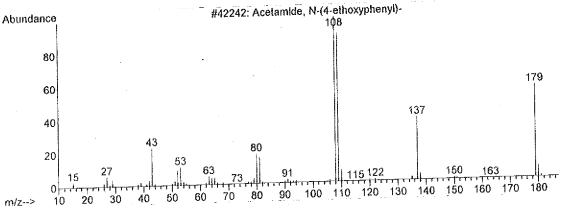
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1.	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2	98 98 98





```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824522.D
File Name
                 : KAC
Operator
                   12 Apr 2012
                                  16:24
Date Acquired
Sample Name
                   KAC
Submitted by
                    22
Vial Number
                   DRUGS.M
AcquisitionMeth:
                   RTE
Integrator
                                                         Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                         Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                              CAS#
                                                                           Qual
                  Library/ID
  PK#
         RT
                 C:\Database\NIST05a.L
         3.79
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
   2
                                                                            99
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                            98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                            98
                         Average of 3.754 to 3.929 min.: 824522.D\data.ms (-)
Abundance
      80
                                                       204
      60
                         101
      40
                               121
      20
                                                     245
                                 131 157 189
        40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
m/z-->
                        #59445: Imidazo[2,1-b]Ihiazole, 2,3,5,6-tetrahydro-6-phenyl-
Abundance
                                       148
      80
      60
      40
                          101
```

127

40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

20

m/z-->

73

63 51

Olapakahinihinihinihin

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824522.D File Name

: KAC Operator

16:24 12 Apr 2012 Date Acquired

Sample Name Submitted by

Vial Number

: KAC 22 AcquisitionMeth: DRUGS.M

Integrator

: RTE

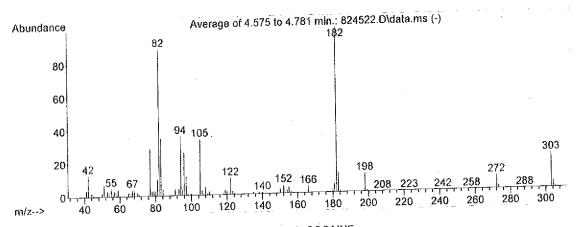
Search Libraries:

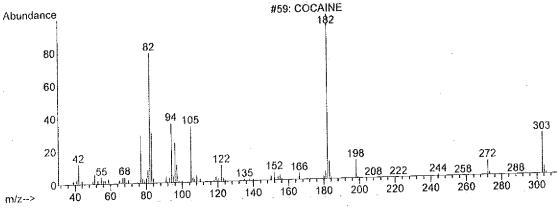
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L C:\Database\PMW_TOX2.L

PK#	RT'	Library/ID		CAS#	Qual
3	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	V	000050-36-2 000050-36-2 000050-36-2	99 99 99





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824523.D File Name

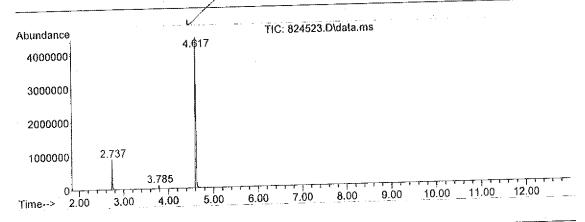
: KAC Operator

12 Apr 2012 16:39 Date Acquired

Sample Name : KAC Submitted by Vial Number 23

AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area	Area %	Ratio %	
2.737	889857	12.97	15.27	
3.785	145453	2.12	2.50	
4.617	5827559	84.91	100.00	

```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824523.D
File Name
Operator
                 ; KAC
Date Acquired
                   12 Apr 2012
                                  16:39
Sample Name
                   KAC
Submitted by
Vial Number
                    23
AcquisitionMeth: DRUGS.M
                 : RTE
Integrator
                                                         Minimum Quality: 80
                     C:\Database\SLI.L
Search Libraries:
                                                         Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                                          Qual
                                                              CAS#
         RT
                  Library/ID
  PK#
                 C:\Database\NIST05a.L
         2.74
   1.
                                                                            98
                                                            000062-44-2
                  Acetamide, N-(4-ethoxyphenyl)-
                                                            000062-44-2
                                                                            98
                  Acetamide, N-(4-ethoxyphenyl)-
                                                            000062-44-2
                                                                            97
                  Acetamide, N-(4-ethoxyphenyl)-
                         Average of 2.700 to 2.986 min.: 824523.D\data.ms (-)
Abundance
      80
      60
                                                                  179
                                                   137
      40
                   43
      20
                                80
                      53
                                                        150 161 207
                           65
                                              122
       10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
m/z-->
                              #42243: Acetamide, N-(4-ethoxyphenyl)-
Abundance
      80
                                                                  179
      60
                                                    137
      40
                   43
                                80
      20
                                                        150
                                    91
                        60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
```

50

40

10 20 30

 $m/z \rightarrow$

```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824523.D
File Name
                 ; KAC
Operator
                   12 Apr 2012
                                   16:39
Date Acquired
Sample Name
Submitted by
                   KAC
Vial Number
                     23
                   DRUGS.M
AcquisitionMeth:
Integrator
                   RTE
                                                          Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                          Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                                            Qual
                                                               CAS#
                   Library/ID
  PK#
         RT
                 C:\Database\NIST05a.L
         3.79
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
    2
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             97
                          Average of 3.759 to 3.913 min.; 824523.D\data.ms (-)
Abundance
      80
                                                          204
      60
                               101
      40
                                    121
      20
                  51
                            89
                                                  176
                     63
                                                                   240 260
                                                                             280
                                             160___180__
                                                         2Ò0
                                                              220
                             100
                                   120 140
                    60
                         80
               40
          20
 m/z-->
                      #59447: Imidazo[2,1-b]thlazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-
 Abundance
                                           148
      80
                        73
      60
                               101
       40
                                     121
```

260

240

176

160

180

200

220

20

m/z-->

40

20

120

100

80

140

```
Information from Data File:
                  : C:\MSDCHEM\1\SYSTEM7\04_12_12\824523.D
File Name
                  : KAC
Operator
                    12 Apr 2012
                                   16:39
Date Acquired
Sample Name
Submitted by
                    KAC
                     23
Vial Number
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
                                                            Minimum Quality: 80
                       C:\Database\SLI.L
Search Libraries:
                                                            Minimum Quality: 80
                       C:\Database\NIST05a.L
                       C:\Database\PMW_TOX2.L
                                                                              Qual
                                                                 CAS#
                   Library/ID
          RT
  PK#
                  C:\Database\SLI.L
          4.62
    3
                                                                               99
                                                              000050-36-2
                   COCAINE
                                                              000050-36-2
                                                                               99
                   COCAINE
                                                              000050-36-2
                                                                               99
                   COCAINE
                          Average of 4.574 to 4.802 min.: 824523.D\data.ms (-)
Abundance
                     82
      80
      60
                        94 105
      40
                                                                               303
      20
                                                   198
                                                                       272
                                       152 166
                                    140
                                                                   260
                                                                         280
                                                   200 220
                                                              240
                              120
                                              180
                       __100
                                    140
                                        160
               60
                    80
m/z-->
                                        #59: COCAINE
Abundance
                                               182
                     82
      80
      60
                        94 105
       40
                                                                               303
       20
                                                   198
                                                                       272
                                       152 166
                                                               244 258
                                                                           288
                                                      208 222
                 68
                                   135
                                                                         280
                                                                              300
                                                                   260
                                                         220
                                                    200
                               120
                                    140
                                         160
                                               180
                     80
                          100
```

m/z-->

40

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824524.D File Name

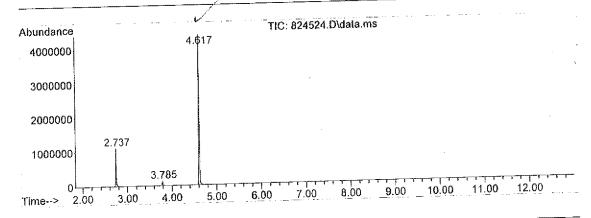
: KAC Operator

: <u>12 Apr 2012</u> 16:55 Date Acquired

Sample Name

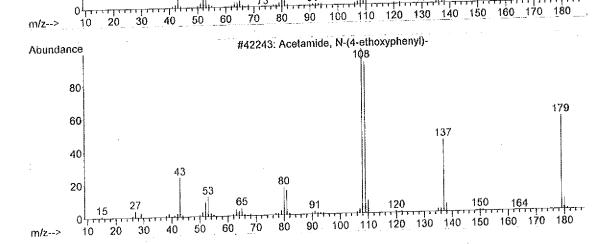
KAC Submitted by Vial Number 24 AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area 	Area %	Ratio %	
2.737	1156982	16.68	20.70	
3.785	189930	2.74	3.40	
4.617	5590480	80.58	100.00	

Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824524.D File Name : KAC Operator 16:55 Date Acquired 12 Apr 2012 Sample Name Submitted by KAC Vial Number 24 AcquisitionMeth: DRUGS.M Integrator : RTE Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80 C:\Database\NIST05a.L C:\Database\PMW_TOX2.L Qual CAS# Library/ID PK# RT C:\Database\NIST05a.L 2.74 1 98 000062-44-2 Acetamide, N-(4-ethoxyphenyl)-98 000062-44-2 Acetamide, N-(4-ethoxyphenyl)-97 000581-08-8 o-Acetylphenetidine Average of 2,700 to 2,965 min.: 824524.D\data.ms (-) Abundance 80 179 60 137 40 43 20 122 131 150 161



80 90

```
Information from Data File:
                : C:\MSDCHEM\1\SYSTEM7\04_12_12\824524.D
File Name
                : KAC
Operator
                : <u>12</u> Apr 2012
                                 16:55
Date Acquired
Sample Name
                 : KAC
Submitted by
                    24
Vial Number
AcquisitionMeth: DRUGS.M
                  RTE
Integrator
                                                       Minimum Quality: 80
                     C:\Database\SLI.L
Search Libraries:
                                                       Minimum Quality: 80
                     C:\Database\NIST05a.L
                     C:\Database\PMW_TOX2.L
                                                                        Qual
                                                            CAS#
                  Library/ID
         RT
  PK#
                 C:\Database\NIST05a.L
         3.79
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                         98
   2
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                         98
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                         97
                        Average of 3.743 to 3.987 min.: 824524.D\data.ms (-)
Abundance
      80
                                                     204
      60
                        101
      40
                              121
      20
                                             176
                                157 245 287
        40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
 m/z-->
                       #59443: Imidazo[2,1-b]thlazole, 2,3,5,6-tetrahydro-6-phenyl-
 Abundance
      80
      60
      40
                  73
                         101 .
                                127
      20
```

40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

m/z-->

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824524.D File Name

: KAC Operator

12 Apr 2012 16:55 Date Acquired

Sample Name Submitted by

KAC 24 Vial Number AcquisitionMeth: DRUGS.M RTE Integrator

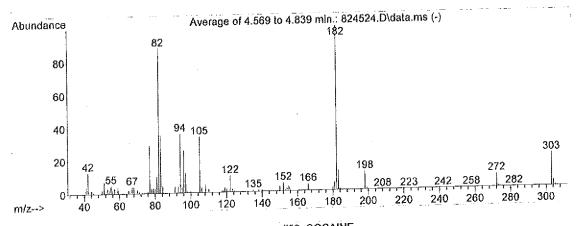
Search Libraries:

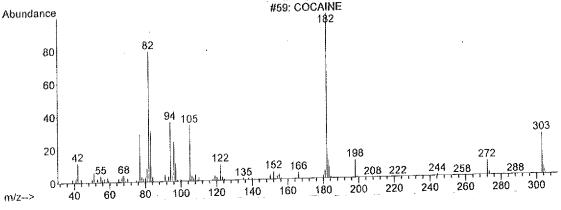
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
3	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824525.D File Name

Operator

: KAC

: 12 Apr 2012 17:11 Date Acquired

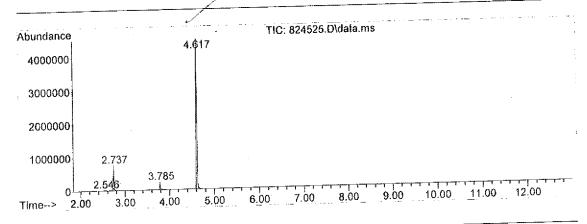
Sample Name submitted by

: KAC

Vial Number AcquisitionMeth: DRUGS.M

25

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.546	123558	1.67	1.97	
2.737	720132	9.74	11.50	
3.785	284988	3.86	4.55	
4.617	6263392	84.73	100.00	

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824525.D File Name

Operator : KAC

17:11 12 Apr 2012 Date Acquired

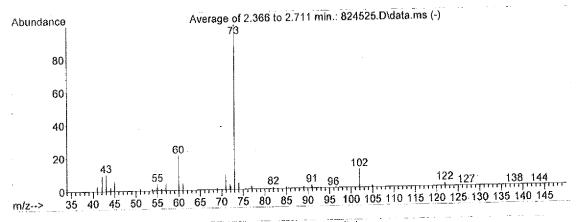
Sample Name

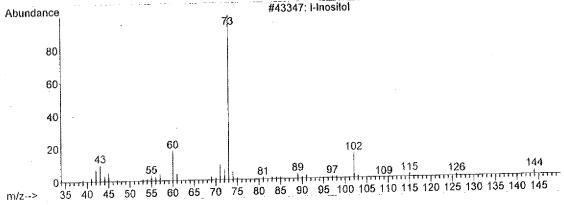
Submitted by KAC 25 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RT'	Library/ID	CAS#	Qual
1	2.55	C:\Database\NIST05a.L l-Inositol Inositol Allo-Inositol	1000007-49-1 006917-35-7 000643-10-7	83 78 78





```
Information from Data File:
                : C:\MSDCHEM\1\SYSTEM7\04_12_12\824525.D
File Name
                 : KAC
Operator
                                  17:11
                   12 Apr 2012
Date Acquired
Sample Name
                 : KAC
Submitted by
Vial Number
                    25
                   DRUGS, M
AcquisitionMeth:
                   RTE
Integrator
                                                         Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                         Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                              CAS#
                                                                           Qual
                  Library/ID
  PK#
         RT
                 C:\Database\NIST05a.L
         2.74
   2
                                                                            98
                                                            000062-44-2
                  Acetamide, N-(4-ethoxyphenyl)-
                                                                            98
                                                            000062-44-2
                  Acetamide, N-(4-ethoxyphenyl)-
                                                                            97
                                                            000062-44-2
                  Acetamide, N-(4-ethoxyphenyl)-
                         Average of 2.711 to 2.928 min.: 824525.D\data.ms (-)
Abundance
                                              108
      80
      60
                                                                           179
                                                          137
      40
                     43
      20
                                    80
                         53
                             65
                                                   120 129
                                                               150
                               70 80 90 100 110 120 130 140 150 160 170 180
           20 30 40 50 60
       10
                              #42243: Acetamide, N-(4-ethoxyphenyl)-
Abundance
      80
                                                                           179
      60
                                                          137
      40
                     43
                                    80
      20
                         53
                              65
                                        91
                                                   120
                                                               150
```

110 120 130 140 150 160 170 180

90

80

60 70

50

30 40

20

10

100

m/z-->

```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824525.D File Name

: KAC Operator

12 Apr 2012 Date Acquired

Sample Name Submitted by

Vial Number

KAC 25 AcquisitionMeth: DRUGS.M : RTE

Integrator

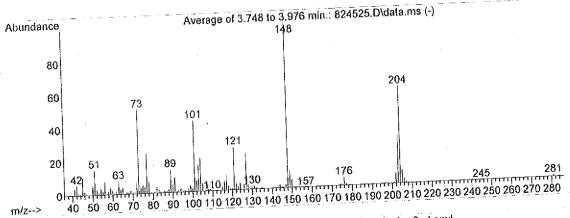
C:\Database\SLI.L Search Libraries:

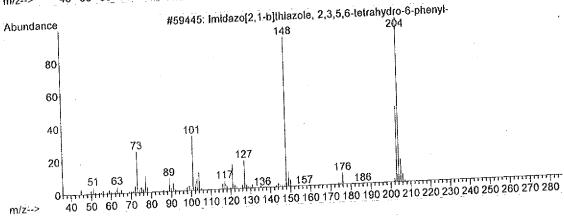
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Quai
3	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet 2,3,5,6-tet 2,3,5,6-tet	006649-23-6 014769-73-4 014769-73-4	98 98 98





Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824525.D File Name

; KAC Operator

17:11 12 Apr 2012 Date Acquired

Sample Name

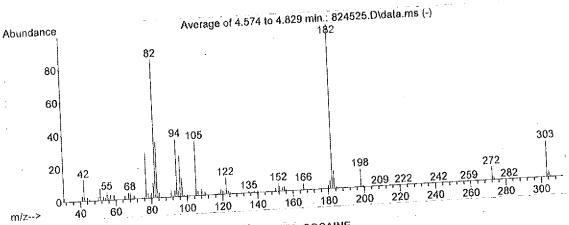
KAC

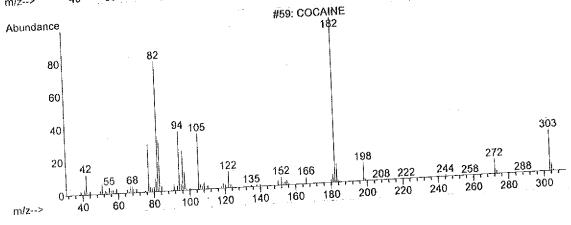
Submitted by 25 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

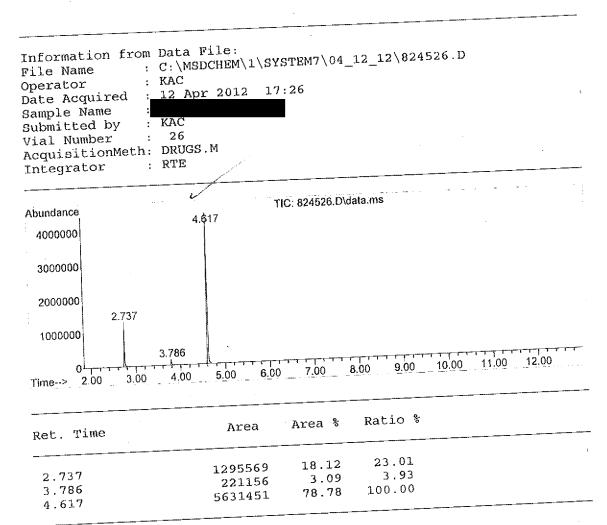
C:\Database\SLI.L Search Libraries: C:\Database\NIST05a.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\PMW_IOAZ.B			cas#	Oual
PK#	RT	Library/ID	CAD#	
4	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99







: C:\MSDCHEM\1\SYSTEM7\04_12_12\824526.D File Name

: KAC Operator

17:26 12 Apr 2012 Date Acquired

Sample Name

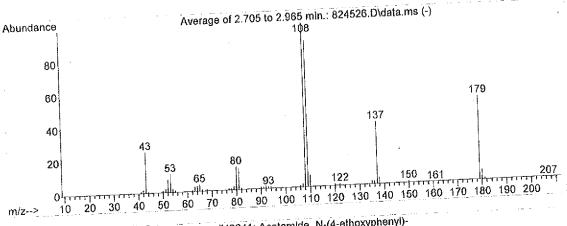
KAC Submitted by 26 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

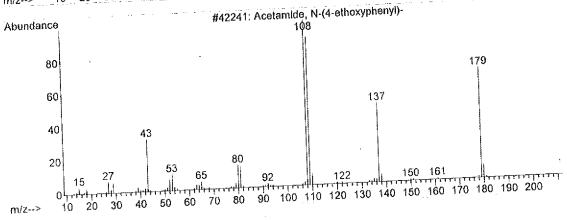
Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
1	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- o-Acetylphenetidine	000062-44-2 000062-44-2 000581-08-8	98





```
Information from Data File:
                  : C:\MSDCHEM\1\SYSTEM7\04_12_12\824526.D
File Name
                  : KAC
Operator
                            2012
                                    17:26
Date Acquired
Sample Name
Submitted by
                    KAC
                     26
Vial Number
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
                                                           Minimum Quality: 80
                       C:\Database\SLI.L
Search Libraries:
                                                           Minimum Quality: 80
                       C:\Database\NIST05a.L
                       C:\Database\PMW_TOX2.L
                                                                             Qual
                                                                CAS#
                   Library/ID
          RT
   PK#
                  C:\Database\NIST05a.L
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                               98
          3.79
    2
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                               98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                               98
                           Average of 3.759 to 4.013 min.: 824526.D\data.ms (-)
 Abundance
       80
                                                           204
       60
                                101
       40
                                     121
       20
                                                                                281
                                                                      245
                                                                               280
                                                                     240 260
                                                          200
                                                               220
                                                     180
                                    120
                                          140
                                                160
                              100
                         _80
                 40
                      60
  m/z-->
           20
                        #59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-
  Abundance
        80
        60
                                 101
        40
                                      121
        20
                                                     176
                       63
                 39
                                                        189
                                                                                280
                                                                      240
                                                      180
                                                           200
                                                                220
                                          140
                                                 160
                                      120
```

100

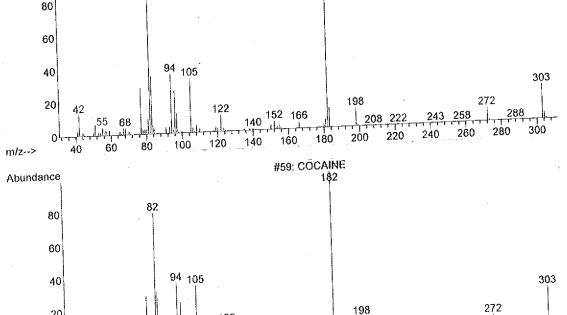
80

40

20

m/z-->

Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824526.D File Name : KAC Operator Apr 2012 17:26 Date Acquired Sample Name Submitted by KAC 26 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80 Search Libraries: C:\Database\NIST05a.L C:\Database\PMW_TOX2.L Qual CAS# Library/ID RT PK# C:\Database\SLI.L 99 000050-36-2 3 4.62 99 COCAINE 000050-36-2 COCAINE 99 000050-36-2 COCAINE Average of 4.575 to 4.792 min.: 824526.D\data.ms (-) Abundance 82 80 60



152 166

140 _ 160

122

120

100

80

135

280

260

240

222 208

220

200

180

20

m/z-->

55

40

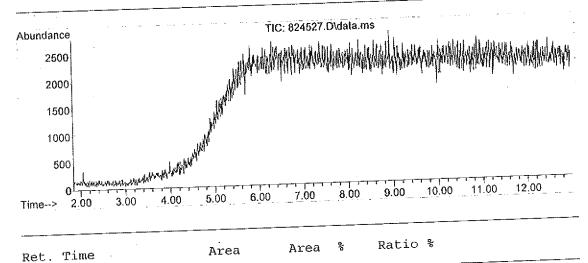
60

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824527.D File Name

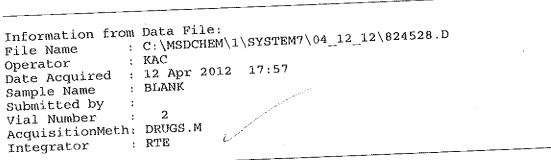
: KAC Operator

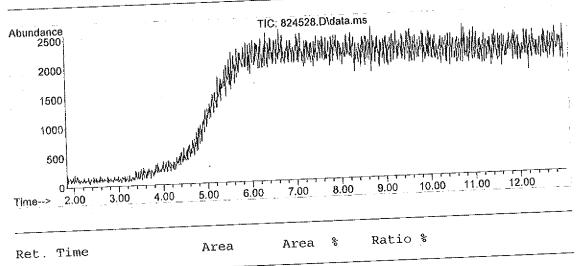
17:42 : 12 Apr 2012 Date Acquired

BLANK sample Name : KAC Submitted by 2 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

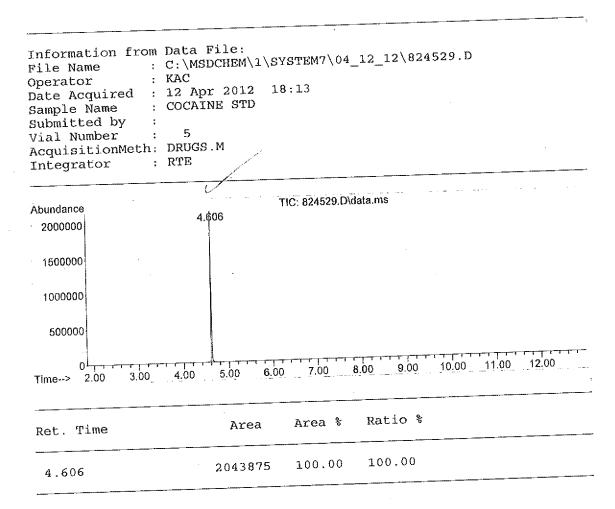


NO INTEGRATED PEAKS





NO INTEGRATED PEAKS



: C:\MSDCHEM\1\SYSTEM7\04_12_12\824529.D File Name

: KAC Operator

18:13 : 12 Apr 2012 Date Acquired

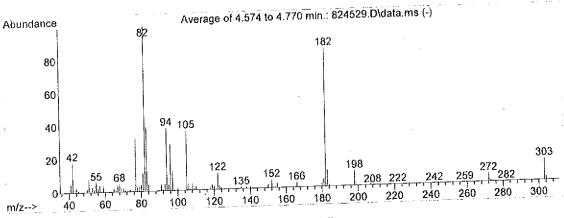
COCAINE STD Sample Name

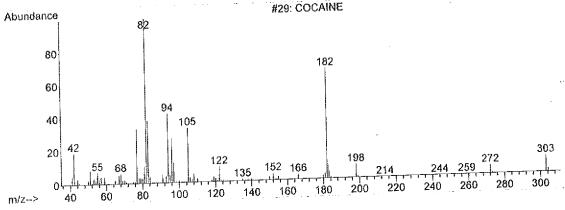
Submitted by

Vial Number AcquisitionMeth: DRUGS.M RTE Integrator

C:\Database\SLI.L Search Libraries: C:\Database\NIST05a.L Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	 CAS#	Qual
1	4.61	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99





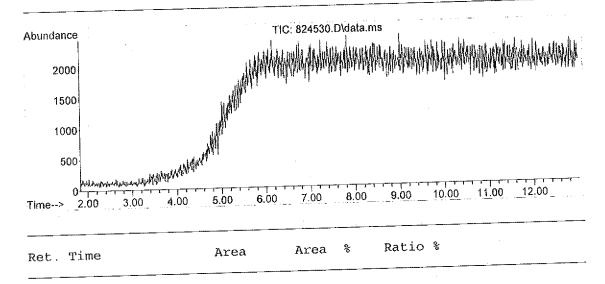
File Name

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824530.D

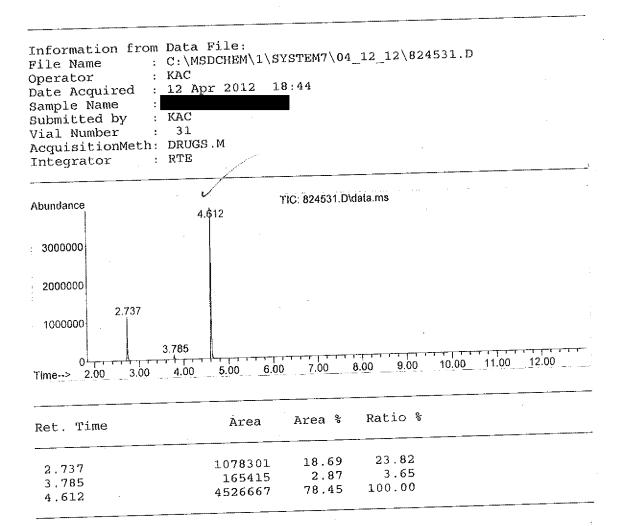
Operator : KAC

Date Acquired : 12 Apr 2012 18:29

: BLANK Sample Name : KAC Submitted by 2 Vial Number AcquisitionMeth: DRUGS.M ; RTE Integrator



NO INTEGRATED PEAKS



: C:\MSDCHEM\1\SYSTEM7\04_12_12\824531.D File Name

: KAC Operator

18:44 12 Apr 2012 Date Acquired

Sample Name KAC Submitted by

31 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

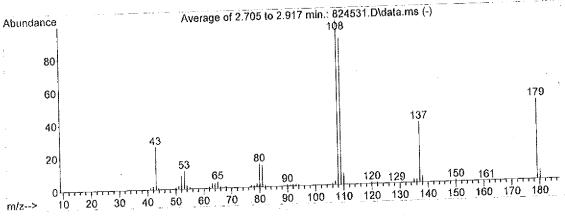
C:\Database\SLI.L Search Libraries:

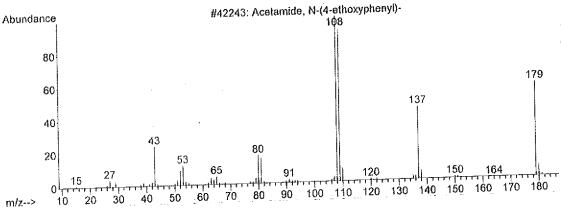
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- o-Acetylphenetidine	000062-44-2 000062-44-2 000581-08-8	98





```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824531.D
File Name
                 ; KAC
Operator
                   12 Apr 2012
                                  18:44
Date Acquired
Sample Name
                   KAC
Submitted by
                     31
Vial Number
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
                                                          Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                          Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                                            Oual
                                                               CAS#
                   Library/ID
         RT
  PK#
                  C:\Database\NIST05a.L
         3.79
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
    2
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             97
                          Average of 3.754 to 3.992 min.; 824531.D\data.ms (-)
Abundance
                                           148
      80
                                                          204
      60
                        73
                               101
      40
                                    121
      20
                            89
                                                   176
                                                                              281
                                                                              280
                                                                        260
                                                                   240
                                                              220
                                              160 180
                                                         200
                                        140
                                    120
                          80
                              100
                     60
          20
                40
 m/z-->
                      #59447: Imidazo[2,1-b]thlazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-
 Abundance
       80
                        73
       60
                               101
       40
                                     121
```

220

160

140

120

180

200

240

89

100

80

63

60

40

20

m/z-->

20

280

260

```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824531.D File Name

: KAC Operator

12 Apr 2012 Date Acquired

Sample Name Submitted by

Vial Number

Integrator

KAC 31 AcquisitionMeth: DRUGS.M RTE

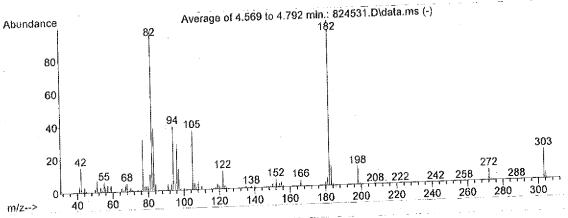
Search Libraries:

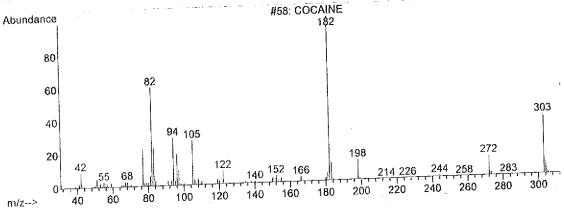
C:\Database\SLI.L

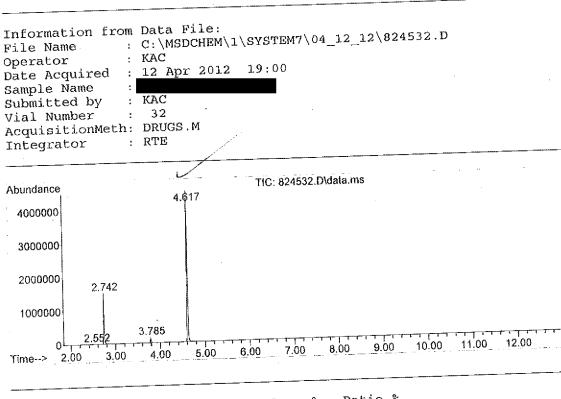
Minimum Quality: 80

C:\Database\NIST05a.L C:\Database\PMW_TOX2.L Minimum Quality: 80

PK#	RT	Library/ID	 CAS#	Quar
3	4.61	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99







	Area	Area %	Ratio %	
Ret. Time	119918	1.50	1.95	
2.552 2.742 3.785 4.617	1487777 221758 6144029	18.66 2.78 77.06	24.22 3.61 100.00	
4.01/				

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824532.D File Name

: KAC Operator

12 Apr 2012 19:00 Date Acquired

Sample Name Submitted by

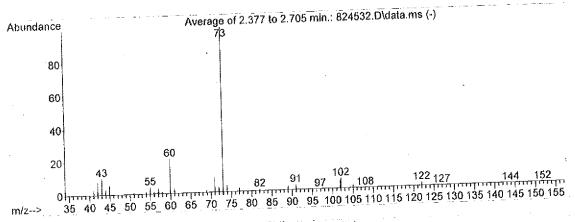
KAC 32 Vial Number AcquisitionMeth: DRUGS.M ; RTE Integrator

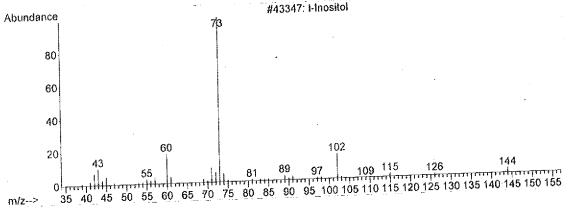
Search Libraries:

C:\Database\SLI.L C:\Database\NIST05a.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\PMW_TOX2.L

Qual CAS# Library/ID RTPK# C:\Database\NIST05a.L 2.55 1000007-49-1 83 1 1-Inositol 000488-58-4 78 Epi-Inositol 000488-54-0 72 Neo-Inositol





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824532.D File Name

; KAC Operator

12 Apr 2012 19:00 Date Acquired

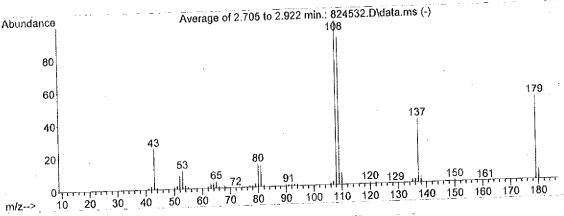
Sample Name KAC Submitted by 32 Vial Number AcquisitionMeth: DRUGS.M

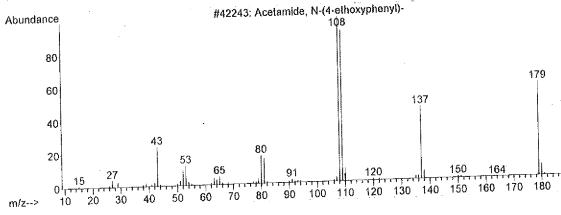
: RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RŢ	Library/ID	CAS#	Qual
2	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl Acetamide, N-(4-ethoxyphenyl Acetamide, N-(4-ethoxyphenyl) = 000002 11 2	98 98 97





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824532.D File Name

: KAC Operator

19:00 2012 12 Date Acquired Sample Name

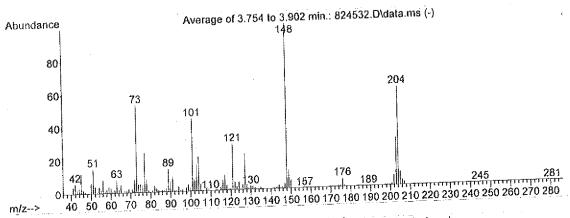
KAC Submitted by 32

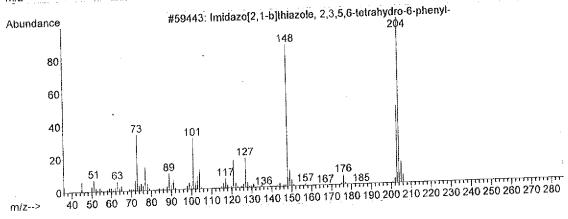
Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	R'T	Library/ID	CAS#	Qual
3	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, 2,3, Imidazo[2,1-b]thiazole, 2,3, Imidazo[2,1-b]thiazole, 2,3,	5.6-161 014.02	





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824532.D File Name

: KAC Operator

19:00 12 Apr 2012 Date Acquired

Sample Name Submitted by KAC

32 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

Search Libraries:

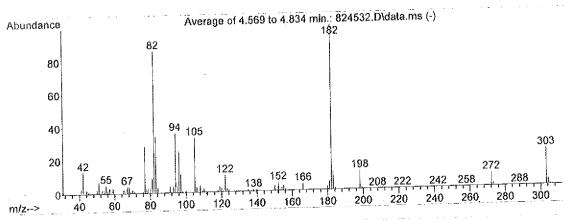
C:\Database\SLI.L

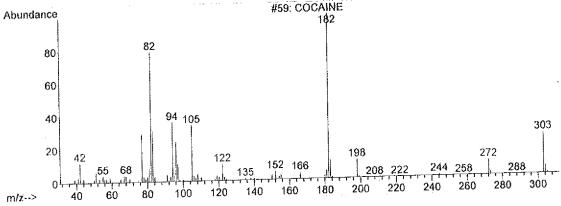
C:\Database\NIST05a.L

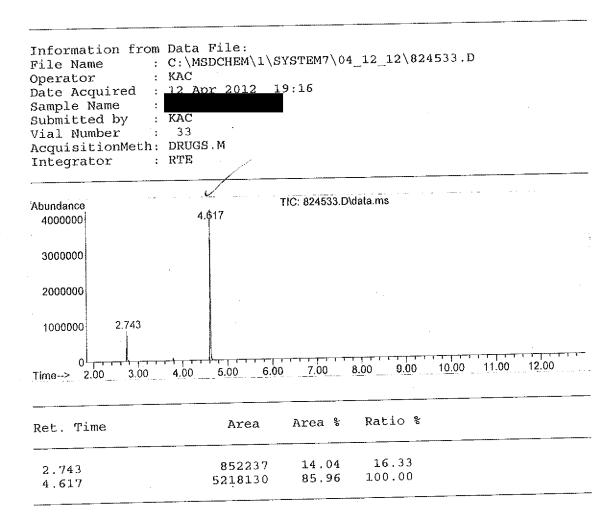
C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	
4	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	







```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824533.D File Name

; KAC Operator

19:16 12 Apr 2012 Date Acquired

Sample Name Submitted by

KAC 33

Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

PK#

1

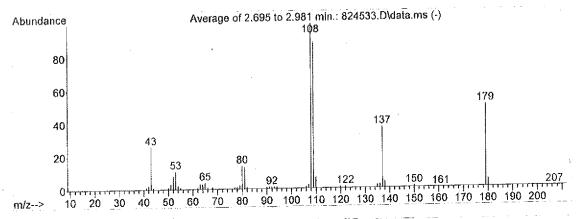
C:\Database\SLI.L Search Libraries:

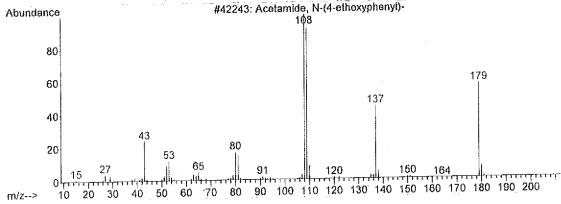
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

RT	Library/ID	CAS#	Qual
2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98 98 98





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824533.D File Name

KAC Operator

19:16 Date Acquired 12 Apr 2012

Sample Name Submitted by

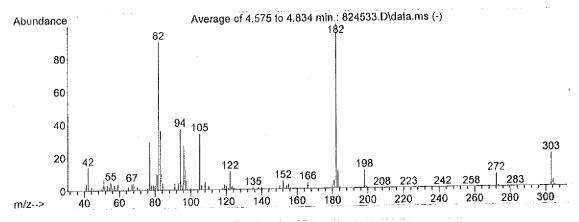
33

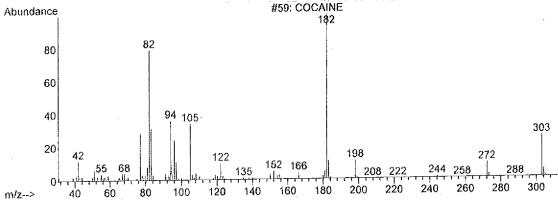
Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
2	4.62	C:\Database\SLI.L COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824534.D File Name

; KAC Operator

: <u>12 Apr 2012 19</u>:31 Date Acquired

Sample Name Submitted by

: KAC : 34

Vial Number AcquisitionMeth: DRUGS.M

: RTE Integrator

Abundance	1	4.617	т.	C: 824534.0	D\data.ms				
4000000		4,017							
3000000									
2000000		N colemans							
1000000	2.742								
0- Time> 2	2.00 _ 3.00_	3.786 4.00 5.	00 6.00	7.00	8.00	9.00 1	0.00 11.0	0 12.00	

Ret. Time	Area	Area %	Ratio %	
2.742 3.786 4.617	1062855 151367 5729417	•	18.55 2.64 100.00	

File Name : C:\MSDCHEM\1\SYSTEM7\04 12 12\824534.D

Operator : KAC

Date Acquired: 12 Apr 2012 19:31

Sample Name

Submitted by : KAC Vial Number : 34 AcquisitionMeth: DRUGS.M Integrator : RTE

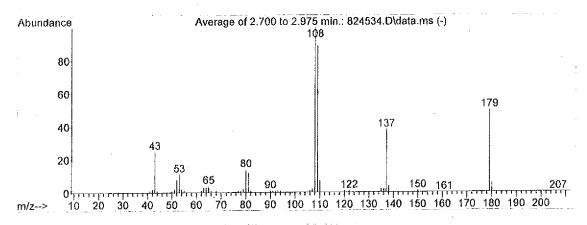
Search Libraries: C:\Database\SLI.L

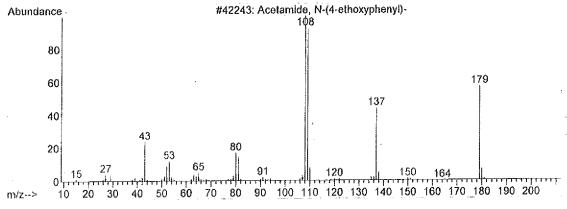
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1.	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- o-Acetylphenetidine	000062-44-2 000062-44-2 000581-08-8	98 98 97





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824534.D File Name

Operator : KAC

<u> 1</u>9:31 2012 Date Acquired

Sample Name

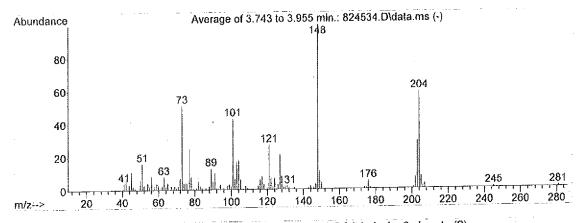
KAC Submitted by 34 Vial Number AcquisitionMeth: DRUGS.M ; RTE Integrator

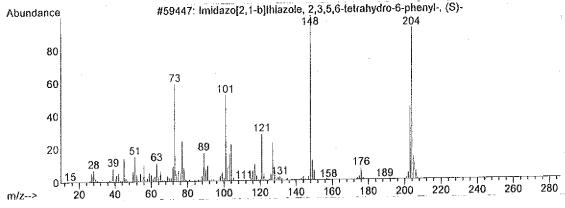
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID		CAS#	Qual
2	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	97 97 97





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824534.D

Operator : KAC

Date Acquired : 12 Apr 2012 19:31

Sample Name

Submitted by : KAC
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

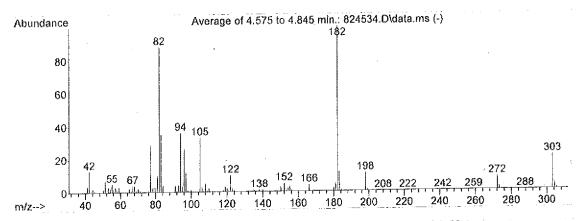
C:\Database\SLI.L

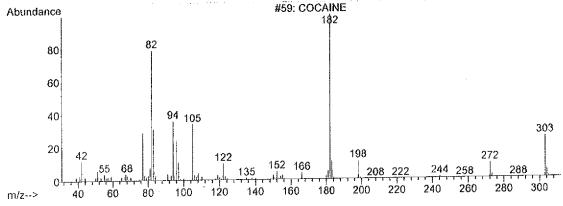
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
3	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824535.D

Operator : KAC

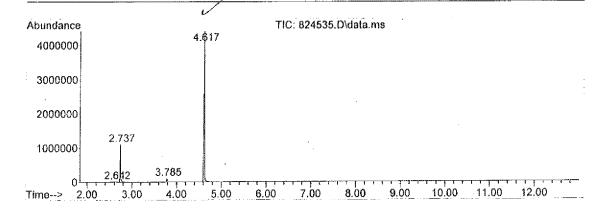
Date Acquired : 12 Apr 2012 19:47

Sample Name Submitted by

: KAC 35

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.642	227372	3.21	4.12	,
2.737	1174545	16.59	21.29	
3.785	160781	2.27	2.91	
4.617	5517689	77.93	100.00	

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824535.D

Operator : KAC

Date Acquired : 12 Apr 2012 19:47

Sample Name

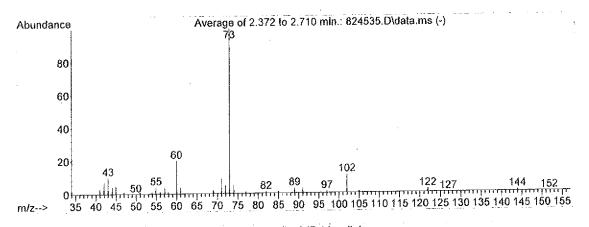
Submitted by : KAC
Vial Number : 35
AcquisitionMeth: DRUGS.M
Integrator : RTE

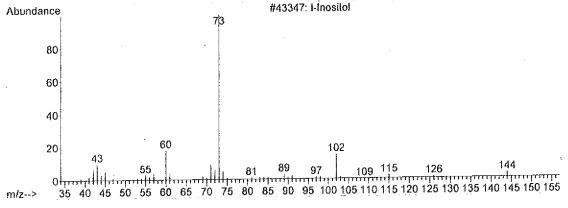
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

CAS# Qual Library/ID PK# RT C:\Database\NIST05a.L 1 2.64 1000007-49-1 90 1-Inositol 90 000488-55-1 Muco-Inositol 000087-89-8 80 Inositol





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824535.D

Operator : KAC

Date Acquired : 12 Apr 2012 19:47

Sample Name

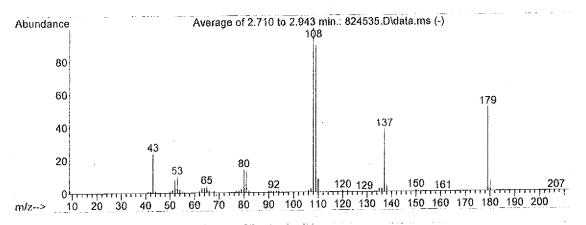
Submitted by : KAC
Vial Number : 35
AcquisitionMeth: DRUGS.M
Integrator : RTE

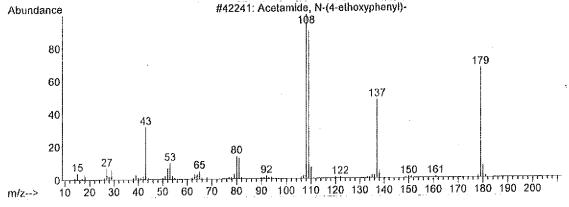
Search Libraries: C:\Database\SLI.L

\SLT.L Minimum Quality: 80 \NISTO5a.L Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
2	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98 ; 98 97





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824535.D File Name

Operator : KAC

Date Acquired 12 Apr 2012 19:47

Sample Name

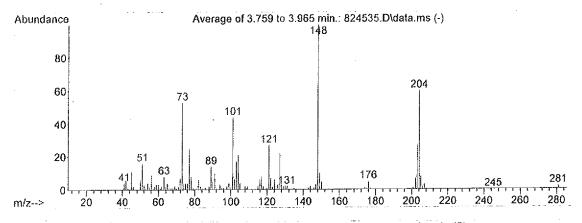
Submitted by KAC Vial Number 35 AcquisitionMeth: DRUGS.M Integrator RTE

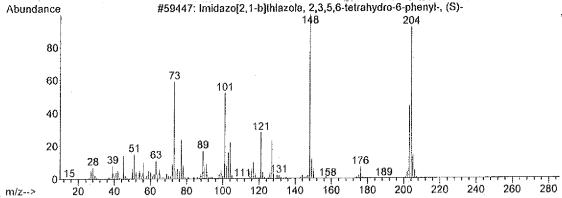
Search Libraries:

Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	**	CAS#	Qual
. 3	3.79	C:\Database\NIST05a.L	•		
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98
		<pre>Imidazo(2,1-b)thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98





: C:\MSDCHEM\1\SYSTEM7\04_12 12\824535.D File Name

Operator : KAC

Date Acquired 12 Apr 2012 19:47

Sample Name

: KAC Submitted by 35 Vial Number AcquisitionMeth: DRUGS.M : RTE

Integrator

Search Libraries: C:\Database\SLI.L

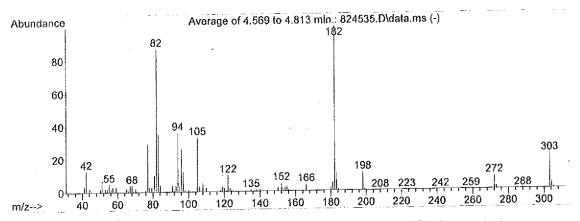
C:\Database\NIST05a.L

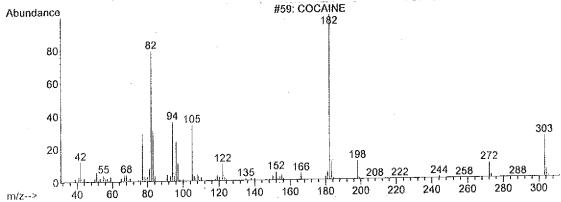
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
4	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99



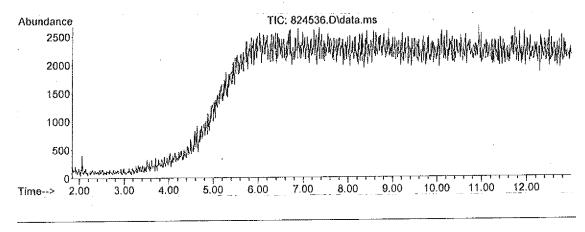


File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824536.D

Operator : KAC

Date Acquired : 12 Apr 2012 20:03

Sample Name : BLANK
Submitted by : KAC
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824537.D

Operator : KAC

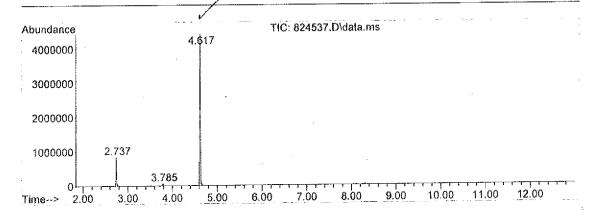
Date Acquired : 12 Apr 2012 20:18

Sample Name Submitted by

: KAC : 37

Vial Number : 37 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.737	885925	13.18	15.46	
3.785	104142	1.55	1.82	
4.617	5729449	85.27	100.00	

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824537.D File Name

: KAC Operator

12 Apr 2012 20:18 Date Acquired

Sample Name Submitted by

37 Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

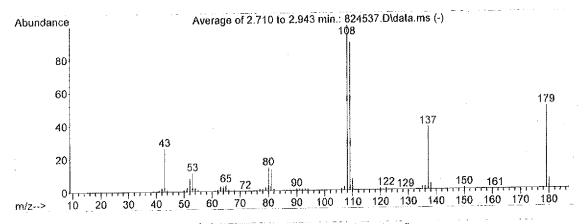
Search Libraries:

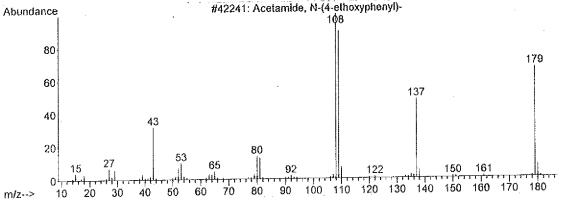
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1.	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98 : 98 98





824537.D

```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824537.D File Name

: KAC Operator

12 Apr 2012 20:18 Date Acquired

Sample Name Submitted by

KAC 37 Vial Number

AcquisitionMeth: DRUGS.M

: RTE Integrator

Search Libraries:

C:\Database\SLI.L

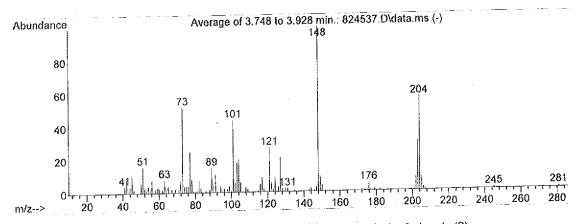
C:\Database\NIST05a.L

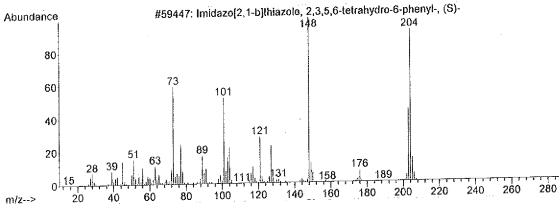
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qua1
2	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	97 97 95





Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824537.D File Name ; KAC Operator Date Acquired 12 Apr 2012 20:18 Sample Name KĄC Submitted by 37 Vial Number AcquisitionMeth: DRUGS.M RTE Integrator Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80 C:\Database\NIST05a.L C:\Database\PMW_TOX2.L Oual CAS# Library/ID RT PK# C:\Database\SLI.L 4.62 3 99 000050-36-2 COCAINE 000050-36-2 99 COCAINE 99 000050-36-2 COCAINE Average of 4.574 to 4.834 min.: 824537.D\data.ms (-) Abundance 82 80 60 94 105 40 303 20 198 272 122 152 166 55 258 208 138 280 300 260 200 220 240 180 120 140 160 80 100 40 60 m/z--> #59: COCAINE Abundance 182 82 80 60 94 105 40 303 20 198 272

122

120

100

135

68

80

60

40

152 166

180

140 160

244 258

260

240

208 222

200

220

288

280

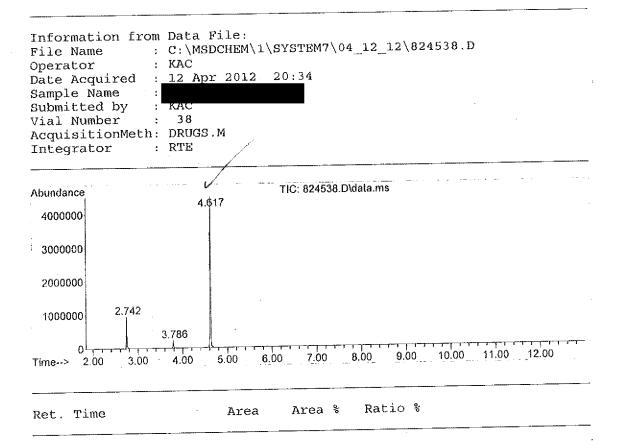
300

m/z-->

14.92

100.00

4.71



12.47

3.94

83.59

949059

299846

6360877

2,742

3.786

4.617

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824538.D

Operator : KAC

Date Acquired : 12 Apr 2012 20:34

Sample Name : Submitted by :

KAC

Vial Number : 38
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

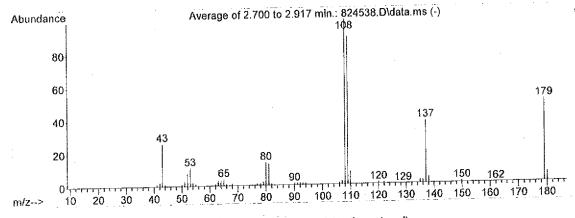
C:\Database\SLI.L

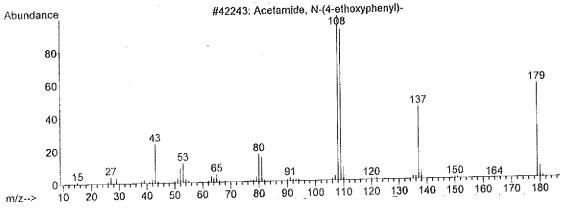
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98





```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824538.D
File Name
                 : KAC
Operator
                    12 Apr 2012
                                   20:34
Date Acquired
Sample Name
Submitted by
                   KAC
                     38
Vial Number
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
                                                          Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                          Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                                            Oual
                                                               CAS#
                   Library/ID
  PK#
         RT
                 C:\Database\NIST05a.L
         3.79
   2
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             98
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             98
                          Average of 3.759 to 3.955 min.: 824538.D\data.ms (-)
Abundance
      80
                                                         204
      60
                        73
                              101
      40
                                    121
      20
                     63
                                                  176
                                                                              281
                                                                             280
                                                                        260
                                                              220
                                                                  240
                                  120
                                                  180
                                                        200
                                            160
                              100
                                        140
                         80
                    60
          20
m/z-->
                      #59447: Imidazo[2,1-b]Ihiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-
Abundance
      80
                        73
      60
                               101
      40
                                    121
                            89
      20
```

220

280

260

240

176

160

180

200

120

100

80

140

m/z-->

20

40

60

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824538.D File Name

: KAC Operator

12 Apr 2012 Date Acquired

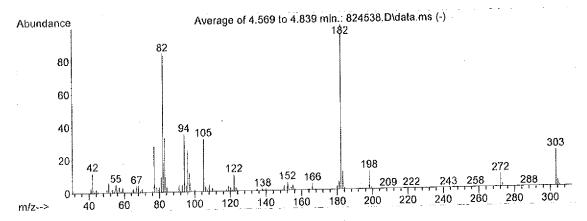
Sample Name Submitted by

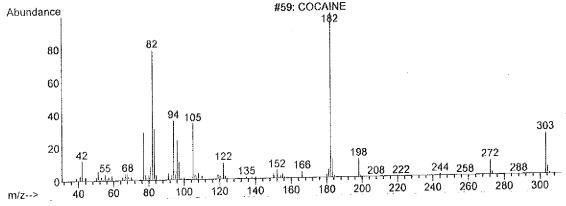
KAC 38 Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
3	4.62	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824539.D File Name : KAC Operator : 12 Apr 2012 20:50 Date Acquired Sample Name : KAC Submitted by : 39 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator TIC: 824539.D\data.ms Abundance 4.612 3000000 2000000 3.791 1000000 10.00 11.00 12.00 9.00 7.00 8.00 6.00 5.00 4.00 3.00 Time--> 2.00 Ratio % Area % Area Ret. Time 19.16 23.71 1001388 3.791 80.84 100.00 4223970 4.612

```
Information from Data File:
```

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824539.D

Operator : KAC

Date Acquired : 12 Apr 2012 20:50

Sample Name : Submitted by : KAC Vial Number : 39

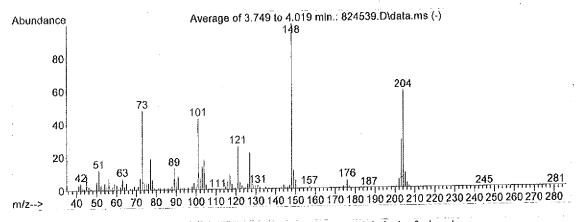
AcquisitionMeth: DRUGS.M

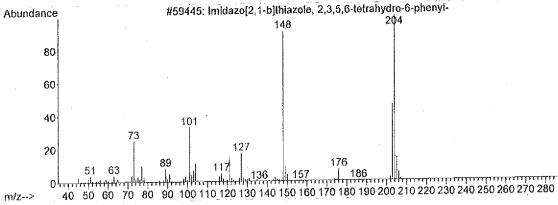
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1.	3.79	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	99 99 98





824539.D

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824539.D File Name

: KAC Operator

2012 Date Acquired

Sample Name Submitted by

KAC 39 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

C:\Database\SLI.L Search Libraries:

COCAINE

68

80

60

40

m/z-->

_ 100

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

Qual

99

99

99

C:\Database\PMW_TOX2.L

CAS# Library/ID RTPK#

C:\Database\SLI.L 2 4.61 000050-36-2 COCAINE 000050-36-2 COCAINE 000050-36-2

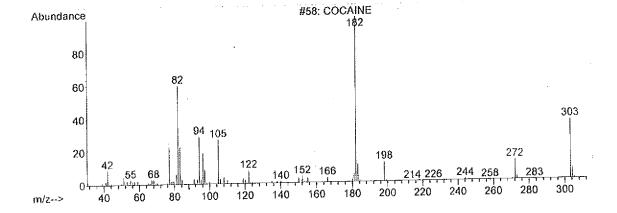
Average of 4.569 to 4.845 min.: 824539.D\data.ms (-) Abundance 80 60 94 105 40 303 20 198 152 166

160 180

138

140

120



260

240

200 220

280

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824540.D File Name

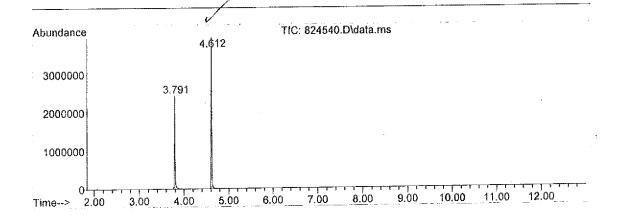
: KAC Operator

21:05 Date Acquired 12 Apr 2012

Sample Name

Integrator

Submitted by KAC 40 Vial Number AcquisitionMeth: DRUGS.M : RTE



Ret. Time	Area	Area %	Ratio %	
3.791 4.612	2072100	02.03	59.62 100.00	

```
Information from Data File:
                 : C:\MSDCHEM\1\SYSTEM7\04_12_12\824540.D
File Name
Operator
                  : KAC
Date Acquired
                    12 Apr 2012
                                   21:05
Sample Name
Submitted by
                    KAC
                     40
Vial Number
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
                                                          Minimum Quality: 80
                      C:\Database\SLI.L
Search Libraries:
                                                          Minimum Quality: 80
                      C:\Database\NIST05a.L
                      C:\Database\PMW_TOX2.L
                                                               CAS#
                                                                           Qual
                   Library/ID
  PK#
         RT
                  C:\Database\NIST05a.L
         3.79
   1
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                             99
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                             99
                   Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4
                                                                             98
                         Average of 3.748 to 4.050 min.: 824540.D\data.ms (-)
Abundance
      80
                                                         204
      60
                             . 101
                        73
      40
                                    121
      20
                     63
                                                                             281
                                                                             280
                                                                   240
                                                                       260
                                             160 180
                                                        200
                                                             220
                             100
                    60
                         80
                                   120
                                       140
               40
m/z-->
                      #59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-
Abundance
                                           148
      80
                        73
      60
                               101
      40
                                    121
```

240

220

260

176

160

180

200

100

80

60

120

140

20

m/z-->

0115

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824540.D File Name

Operator ; KAC

12 Apr 2012 21:05 Date Acquired

Sample Name

Submitted by Vial Number 40 AcquisitionMeth: DRUGS.M

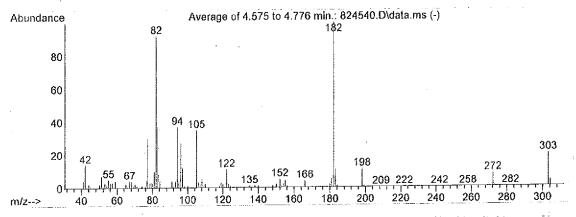
: RTE Integrator

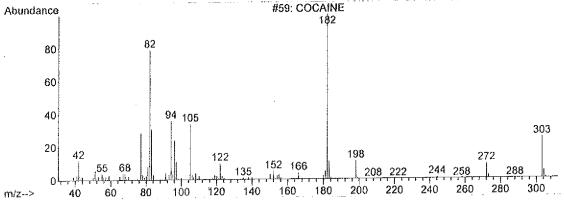
Search Libraries: C:\Database\SLI.L

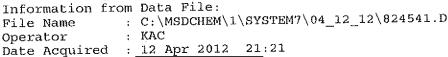
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

PK#	RT	Library/ID	CAS#	Qual
2	4.61	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99







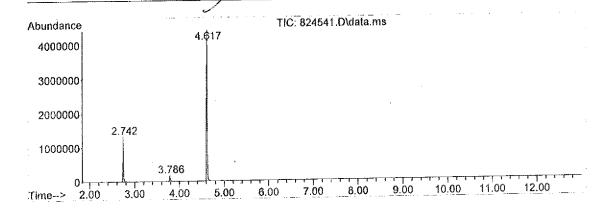
21:21

Sample Name

Submitted by Vial Number

41

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.742	1314835	18.26	23.28	
3.786	236288	3.28	4.18	
4.617	5647956	78.45	100.00	

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824541.D File Name

: KAC Operator

21:21 Date Acquired 12 Apr 2012

Sample Name

Submitted by KAC Vial Number 41

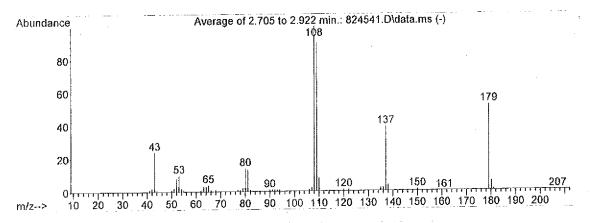
AcquisitionMeth: DRUGS.M : RTE Integrator

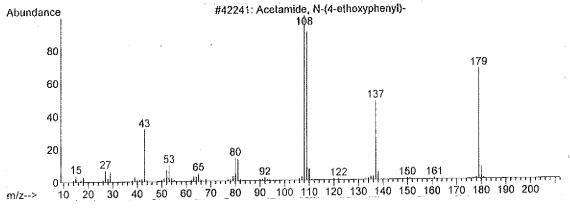
C:\Database\SLI.L Search Libraries:

C:\Database\NIST05a.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	2.74	C:\Database\NIST05a.L Acetamide, N-(4-ethoxyphenyl)- Acetamide, N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2	98 98
	-	Acetamide, N-(4-ethoxyphenyl)-	000062-44-2	97





File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824541.D

Operator : KAC

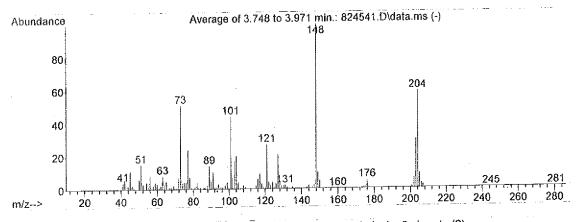
Date Acquired : 12 Apr 2012 21:21

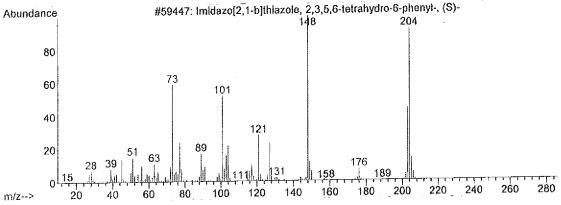
Sample Name :
Submitted by : KAC
Vial Number : 41
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L





: C:\MSDCHEM\1\SYSTEM7\04_12_12\824541.D File Name

: KAC Operator

2012 Date Acquired

Sample Name

KAC Submitted by 41 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

Search Libraries:

C:\Database\SLI.L

C:\Database\NIST05a.L

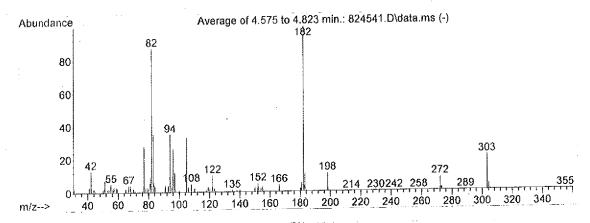
Minimum Quality: 80

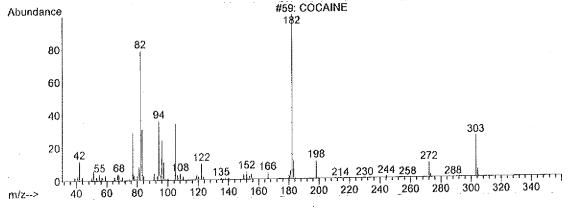
Minimum Quality: 80

C:\Database\PMW_TOX2.L

CAS# Qual Library/ID PK# RT4.62 C:\Database\SLI.L 3

99 000050-36-2 COCAINE 000050-36-2 99 COCAINE 000050-36-2 99 COCAINE





Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04_12_12\824542.D File Name : KAC Operator Date Acquired : 12 Apr 2012 21:37 : BLANK Sample Name Submitted by : KAC Vial Number 2 AcquisitionMeth: DRUGS.M Integrator : RTE TIC: 824542.D\data.ms Abundance 2500 2000 1500 1000 500 6.00 8.00 9.00 10.00 11.00 12,00 3.00 7.00 2.00 Time-->

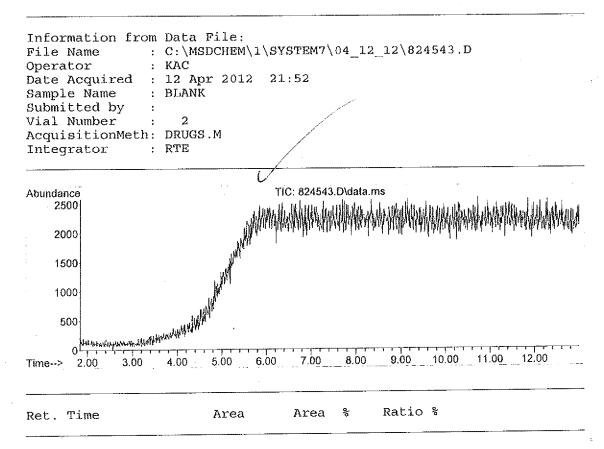
Area

Area

Ratio %

NO INTEGRATED PEAKS

Ret. Time



NO INTEGRATED PEAKS

File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824544.D

Operator : KAC

Date Acquired : 12 Apr 2012 : COCAINE STD

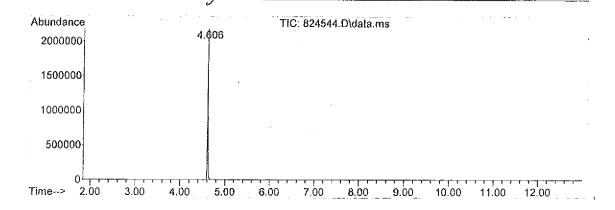
Sample Name

Submitted by

5

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Ratio %
4.606	2050372	,

```
Information from Data File:
```

: C:\MSDCHEM\1\SYSTEM7\04_12_12\824544.D File Name

Operator : KAC

Date Acquired : 12 Apr 2012 22:08 : COCAINE STD

Sample Name

Submitted by Vial Number

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

C:\Database\SLI.L

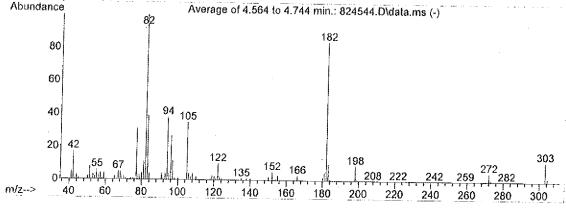
C:\Database\NIST05a.L

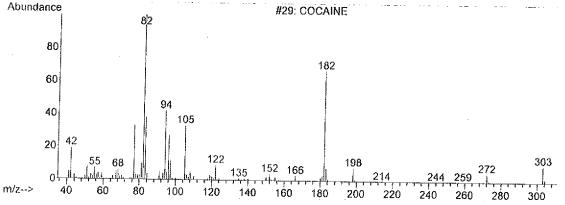
C:\Database\PMW TOX2.L

Minimum Quality: 80

Minimum Quality: 80

	PK#	RT	Library/ID		CAS#	Qual
r	1	4.61	C:\Database\SLI.L COCAINE COCAINE COCAINE	V	000050-36-2 000050-36-2 000050-36-2	99 99 99





Information from Data File: File Name : C:\MSDCHEM\1\SYSTEM7\04_12_12\824545.D Operator : KAC Date Acquired : 12 Apr 2012 22:23 Sample Name : BLANK Submitted by Vial Number 2 AcquisitionMeth: DRUGS.M Integrator : RTE Abundance TIC: 824545.D\data.ms 2500 2000 1500 1000 On Commenced and All States of the All States of 500 0 Time--> 2.00 3.00 6.00 7.00 8.00 4.00 5.00 9.00 10.00 11.00 12.00 Ret. Time Area Area Ratio %

NO INTEGRATED PEAKS